

ORDER FOR SUPPLIES OR SERVICES

PAGE OF PAGES

1

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IMPORTANT: Mark all packages and papers with contract and/or order numbers.

1. DATE OF ORDER 08/01/2018		2. CONTRACT NO. (If any) EP-W-12-009		6. SHIP TO: a. NAME OF CONSIGNEE Office of Underground Storage Tank	
3. ORDER NO. 68HE0S18F0210		4. REQUISITION/REFERENCE NO. PR-OLEM-18-00091		b. STREET ADDRESS U.S. EPA Two Potomac Yard (North Building) 2733 Crystal Drive Mail Code:	
5. ISSUING OFFICE (Address correspondence to) SRRPOD US Environmental Protection Agency William Jefferson Clinton Building 1200 Pennsylvania Avenue, N. W. Mail Code: 3805R Washington DC 20460				c. CITY Arlington	e. ZIP CODE 22202
7. TO: PATRICIA CURL				f. SHIP VIA	
a. NAME OF CONTRACTOR BRISTOL ENVIRONMENTAL REMEDIATION SERVICES LLC				8. TYPE OF ORDER	
b. COMPANY NAME				<input type="checkbox"/> a. PURCHASE <input checked="" type="checkbox"/> b. DELIVERY Except for billing instructions on the reverse, this delivery order is subject to instructions contained on this side only of this form and is issued subject to the terms and conditions of the above-numbered contract.	
c. STREET ADDRESS 111 WEST 16TH AVENUE 3RD FLOOR 9075610013				REFERENCE YOUR: Please furnish the following on the terms and conditions specified on both sides of this order and on the attached sheet, if any, including delivery as indicated.	
d. CITY ANCHORAGE		e. STATE AK	f. ZIP CODE 995015109		
9. ACCOUNTING AND APPROPRIATION DATA See Schedule				10. REQUISITIONING OFFICE Office of Underground Storage Tank	
11. BUSINESS CLASSIFICATION (Check appropriate box(es))					
<input type="checkbox"/> a. SMALL <input checked="" type="checkbox"/> b. OTHER THAN SMALL <input type="checkbox"/> c. DISADVANTAGED <input type="checkbox"/> d. WOMEN-OWNED <input type="checkbox"/> e. HUBZone <input type="checkbox"/> f. SERVICE-DISABLED VETERAN-OWNED <input type="checkbox"/> g. WOMEN-OWNED SMALL BUSINESS (WOSB) ELIGIBLE UNDER THE WOSB PROGRAM <input type="checkbox"/> h. EDWOSB					
12. F.O.B. POINT					
13. PLACE OF		14. GOVERNMENT B/L NO.		15. DELIVER TO F.O.B. POINT ON OR BEFORE (Date)	
a. INSPECTION Destination	b. ACCEPTANCE Destination				

17. SCHEDULE (See reverse for Rejections)

ITEM NO. (a)	SUPPLIES OR SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QUANTITY ACCEPTED (g)
	DUNS Number: 621631196 US EPA Office of Underground Storage Tanks (OUST) Contract: Characterization (Assessment) and Remediation of Leaking Underground Storage Tanks (LUST) in Indian Country Continued ...					

SEE BILLING INSTRUCTIONS ON REVERSE	18. SHIPPING POINT		19. GROSS SHIPPING WEIGHT		20. INVOICE NO.		17(h) TOTAL (Cont. pages)
	21. MAIL INVOICE TO:						
	a. NAME RTP Finance Center						\$521,589.95
	b. STREET ADDRESS (or P.O. Box) US Environmental Protection Agency RTP-Finance Center Mail Drop D143-02 109 TW Alexander Drive						\$521,589.95
c. CITY Durham			d. STATE NC	e. ZIP CODE 27711		17(i) GRAND TOTAL	

22. UNITED STATES OF AMERICA BY (Signature)

08/01/2018

Meghan T. Meyers

ELECTRONIC SIGNATURE

23. NAME (Typed)

Meghan Thomas Meyers

TITLE: CONTRACTING/ORDERING OFFICER

ORDER FOR SUPPLIES OR SERVICES
SCHEDULE - CONTINUATION

PAGE NO

2

IMPORTANT: Mark all packages and papers with contract and/or order numbers.

DATE OF ORDER

CONTRACT NO.

ORDER NO.

08/01/2018

EP-W-12-009

68HE0S18F0210

ITEM NO. (a)	SUPPLIES/SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QUANTITY ACCEPTED (g)
0001	<p>Task Order Award: NAV-185 Davis Chevrolet LUST Site - Remediation and Outreach Activities - Region 9</p> <p>The terms and conditions of contract EP-W-12-009 are hereby incorporated by reference. The task order period of performance is August 1, 2018 through April 19, 2019. The contractor shall perform services in accordance with the attached Statement of Work and the contractor's proposal dated May 18,2018 for the maximum ceiling amount of \$521,589.95.</p> <p>TOCOR: Rebecca Jamison</p> <p>Admin Office: SRRPOD US Environmental Protection Agency Superfund/RCRA Regional Procurement Operations 1200 Pennsylvania Ave, NW Washington DC 20460</p> <p>Period of Performance: 08/01/2018 to 04/18/2019</p> <p>Task Order 5001 Ceiling and Funding (Davis Chevrolet)</p> <p>Accounting Info: 17-F-88F-303D86-2505-HQ007-1888TC5004-001 BFY: 17 Fund: F Budget Org: 88F Program (PRC): 303D86 Budget (BOC): 2505 Job #: HQ007 DCN - Line ID: 1888TC5004-001 Funding Flag: Complete Funded: \$296,027.55</p> <p>Accounting Info: 17-FC-88F-303D86-2505-1888TC5004-002 BFY: 17 Fund: FC Budget Org: 88F Program (PRC): 303D86 Budget (BOC): 2505 DCN - Line ID: 1888TC5004-002 Funding Flag: Complete Funded: \$200,000.00</p> <p>Accounting Info: 18-F-88F-000D86-2505-1888TC5004-003 BFY: 18 Fund: F Budget Org: 88F Program (PRC): 000D86 Budget (BOC): Continued ...</p>				521,589.95	

TOTAL CARRIED FORWARD TO 1ST PAGE (ITEM 17(H))

\$521,589.95

AUTHORIZED FOR LOCAL REPRODUCTION
PREVIOUS EDITION NOT USABLE

OPTIONAL FORM 348 (Rev. 4/2006)
Prescribed by GSA FAR (48 CFR) 53.213(f)

ORDER FOR SUPPLIES OR SERVICES
SCHEDULE - CONTINUATION

PAGE NO

3

IMPORTANT: Mark all packages and papers with contract and/or order numbers.

DATE OF ORDER

CONTRACT NO.

ORDER NO.

08/01/2018

EP-W-12-009

68HE0S18F0210

ITEM NO. (a)	SUPPLIES/SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QUANTITY ACCEPTED (g)
	2505 DCN - Line ID: 1888TC5004-003 Funding Flag: Complete Funded: \$25,562.40					
TOTAL CARRIED FORWARD TO 1ST PAGE (ITEM 17(H))					\$0.00	

Contract No. EP-W-12-009

Task Order 5001

Title: NAV-185 Davis Chevrolet LUST Site – Remediation and Outreach Activities – Region 9

PERFORMANCE WORK STATEMENT

1. General Information

Contract-Level Contracting Officer's Representative (COR)

Christine Edwards
Office of Underground Storage Tanks
US Environmental Protection Agency
Office | 202-564-2182
Email | edwards.christine@epa.gov

Alternate Contract-Level Contracting Officer's Representative (COR)

Ray Worley
202-564-1634
Worley.ray@epa.gov

Contracting Officer's Representative (COR)/Subject Matter Expert (SME)

Rebecca Jamison, Region 9
Jamison.rebecca@epa.gov
415-972-3351

Tribal Contacts

Pam Maples
Navajo Nation EPA
928-871-7764
pamaples@navajo-nsn.gov

Lionel Puhuyesva
Hopi Water Resources Program
(T) 928-734-3711
Lpuhuyesva@hopi.nsn.us

2. Site Name/Background

Site Name: NAV-185 former Davis Chevrolet
Site Location: Tuba City, AZ
Tribe: Navajo Nation & The Hopi Tribe

The purpose of this task order continues the remedial activities at the Davis site. This work was conducted under this contract, Task Order 1001, Task Order 2009 and Task Order 3009.

For planning purposes, assume an award date of June 1, 2018 and end date of April 18, 2019. It is expected that the price proposal will include a separate estimate for optional tasks 2(c) second round of groundwater sampling and 2 (d).

3. Tasks

Task 1(a) -- Statement of Work/Performance Work Statement/Specifications

The contractor shall contact the COR within five (5) business days upon receipt of the government's Task Order Performance Work Statement to discuss the scope of the work before the contractor submits its Performance Work Statement/Specifications (budget). The contractor shall have ten (10) business days following the conference call to submit its Performance Work Statement/Specifications (budget) electronically to the Contracting Officer, Contract-Level COR and COR.

The Performance Work Statement/Specifications (budget) shall include: (1) a narrative description of its technical approach to perform the work; (2) estimated budget that includes the contractor's staffing plan according to the labor categories for this work, other than direct costs (e.g., material, equipment, permits, taxes) subcontractor(s), and travel estimates; (3) deliverable (milestone) schedule; (4) certification pursuant to 1552.209-72 that the contractor is or is not aware of any potential Organizational Conflicts of Interest for the work outlined in the Government's Performance Work Statement; and (5) any other requested information. The contractor's cost component must include a breakdown of costs for each major task and/or subtask and an overall summary for the full task for the prime and any subcontractor(s).

Work will not commence until the contractor is in receipt of an approved Task Order signed by the contracting officer.

Deliverable: Conference Call with COR

Due Date: Within five (5) business days upon receipt of Performance Work Statement

Deliverable: Performance Work Statement/Specifications

Due Date: Within ten (10) business days after Conference Call

Task 1(b) -- Monthly Progress/Financial Reports

The contractor shall prepare the monthly progress/financial reports in accordance with the contract. Upon approval of the Task Order, the contractor shall maintain routine communication with the COR and summarize all task order activities in the monthly progress/financial reports.

Deliverable: Monthly Progress/Financial Reports

Due Date: According to Contract Term

Site-Specific Quality Assurance Project Plan (QAPP) – There is no need to update the existing, approved QAPP for this site work.

Task 1(c) – Conference Calls (*from Contract Level Performance Work Statement – Task 1: Conference Calls with the COR*)

The contractor shall participate with the COR in regularly scheduled conference calls to discuss site progress and activities. Included in the discussion will be the contractor's timeframe for planning the field activities and when the review of the sampling 5-6 weeks after the field activities have occurred. These conference calls shall take place quarterly during all phases of this project and may include sharing information with the Tribal representatives for these sites. However, the contractor is not tasked with providing additional information for the Tribal representatives.

Deliverable: Conference calls with the COR and the Tribes

Due Date: Four (4) calls during the 1 period of performance.

Task 2: Remediation of LUSTs (*from Contract Level Performance Work Statement – Task 4*)

Task 2(a) Technical Work Plan - The contractor shall create a Technical Work Plan and submit it to the COR who will provide the Tribe with the Plan for review and comments. Upon receipt of the COR's and Tribe's comments, the contractor shall provide a final Technical Work Plan to the COR. Upon receipt of the COR's approval of the Technical Work Plan, the contractor shall proceed with the work scopes, secure all necessary permits and access to conduct field activities at the site.

Deliverable: Revised Technical Work Plan (draft and final)

Due Date: Draft – 30 days upon receipt of approved Task Order

Final - 15 days upon receipt of COR and Tribe's comments

Task 2(b) Groundwater Sampling and Related Activities – The contractor shall:

1. Collect two rounds of groundwater samples from the agreed upon well monitoring network. The contractor shall collect biannually from the network in Spring/Summer and during the Fall/Winter time of year, a subset of wells (approximately 30). *Price the Fall/Winter sampling as an option item.*

Analyze the groundwater samples for GRO, BTEX, MTBE, 1,2-DCA at a subset of wells to be identified by the Task Order COR.

Analyze the groundwater samples for EDB at a subset of wells, no more than 20, to be identified by the Task Order COR and the Navajo and Hopi Tribes.

Analyze the groundwater samples for methane, nitrate, sulfate, and dissolved iron in a subset of wells, no more than 20, to be identified by the Task Order COR and the Navajo and Hopi Tribes.

During the Spring/Summer groundwater sampling event, collect groundwater samples from the 5 monitoring wells (MW-3, MW-12, MW-24, MW-48, MW-49) that were sampled following the Summer 2017 oxidant injections to check for rebound (analysis for GRO and VOCs to include BTEX and MTBE).

2. Measure depths to water in wells in all wells to determine if groundwater mounding is still present and to provide a more complete groundwater flow direction figure.
3. From the subset of 30 samples (from #1 above), plus from up to 10 additional wells. Check for the presence of product in all wells where product has historically been detected, and measure the product thickness.
4. Collect field water quality parameters such as pH, temperature, electrical conductivity, redox potential, etc. in order to determine status of natural degradation in subsurface (and for assessing potential locations for bench-scale testing of in situ remediation). From up to 20 wells (a subset of the 30 wells and/or the 10 additional wells), use a downhole dissolved oxygen meter to directly measure dissolved oxygen in groundwater. If groundwater in a well is too deep to use the downhole meter (greater than 65 feet), groundwater for dissolved oxygen measurement will be obtained by using a downhole pump. In most, if not all, of the wells where dissolved oxygen will be measured, groundwater is anticipated to be within reach of the downhole dissolved oxygen meter. If the downhole meter cannot be used because of water depth, dissolved oxygen will be measured in up to three shallow wells using both methods so that a comparison of downhole dissolved oxygen measurements and dissolved oxygen measurements from pumped water can be made. The contractor will specifically evaluate, assess and project the rate and role natural degradation may play based on the years of collected data and analysis conducted by the Corp of Engineers in July/August 2017.
5. Submit the groundwater samples to a certified lab with normal turn-around-time (approximately two (2) weeks). A trip blank shall accompany the samples. Field duplicate samples will be collected and analyzed at a rate of one per ten environmental samples and MS/MSDs will be collected at a rate of one per 20 environmental samples. The duplicates and MS/MDSs will be analyzed only for GRO, BTEX, MTBE, 1,2-DCA and EDB and not for methane, nitrate, sulfate or dissolved iron. Data verification will be performed on the samples collected for GRO, BTEX, MTBE, 1,2-DCA and EDB analysis.
6. Ensure the monitoring well network wells are identified as appropriate and isolated from disruption, as much as is feasible.

7. The contractor shall include the sampling results (current and cumulative trends observed) in semi-annual Monitoring Reports that denote the current and cumulative product recovered for this Subtask ~~and Subtask 2b~~.

Deliverable: Monitoring Reports

Due Dates: 30 days after receipt of data validation

OPTION ITEM: Task 2(c) Dismantle Passive Skimmers -The contractor shall:

1. Manually remove and return the seven (7) passive product skimmers installed and operated under this contract, Task Orders 1001, 2009 and 3009.

Deliverable: Remove and return skimmers

Due Date: Fall/Winter 2018

Task 2(d) Assess and Expand In-Situ Remediation conducted under TO 3009 - The contractor shall draft expansion plans and budgets for in situ chemical oxidation at locations identified by the COR based upon the spring/summer 2017 pilot test. The contractor will follow applicable guidance and policies.

BERS performed an in situ pilot test in 2017, which consisted of injecting the chemical oxidant PersulfOx into two existing wells (MW-22 and R-11) on the Hopi Reservation and three existing wells (R-1, R-2, and R-3) on the Navajo Nation. Two applications occurred in each well, approximately four weeks apart.

Groundwater samples were collected from the five injection wells, as well as downgradient Hopi wells MW-48 and MW-49, and downgradient Navajo wells MW-3, MW-24, and MW-12 before the second injection, and then again approximately six weeks after the second injection to evaluate the pilot test.

During the Spring/Summer 2018 groundwater sampling event [see Task 2(c)], the five downgradient wells (MW-48, MW-49, MW-3, MW-24, and MW-12) will be sampled and the pilot test data will be evaluated for contaminant concentration rebound. This data will be presented in a short Technical Memorandum presenting the results. Based on this evaluation of the pilot test data, the ISCO approach may be revised. Revisions to the approach will also be presented in the Technical Memorandum.

Assuming that it is determined that the ISCO approach is chosen, three areas have been identified to target for treatment. The three areas are the Navajo Area, the Hopi Area, and the Hopi Hot Spot Area (Figure 1). In general, PersulfOx will be injected into existing wells where the gasoline range organic (GRO) concentrations are greater than 10,000 micrograms per liter ($\mu\text{g/L}$).

The Navajo Area is north of Highway 160. Three wells (R-1, R-2, and R-3) were used as injection wells in 2017 during the pilot study. MW-24 and MW-12 have GRO concentrations greater than 10,000 $\mu\text{g/L}$. MW-24 is damaged and would require rehabilitation to be used as an injection well. MW-24 has high concentrations and is

damaged so it cannot be used as an injection well. Along with injecting into MW-12, the installation of 2 new injection wells (NI-1 and NI-2) near MW-24 is proposed (Figure 1).

The Hopi Area is south of Highway 160 and is generally in the area of the existing recovery wells. Two wells in this area (MW-22 and R-11) were used as injection wells in 2017. There are 18 wells in this area that could be used as injection wells. The wells are MW-14, MW-15, MW-17, MW-19, MW-22, MW-28, MW-41, MW-48, MW-49, I-3, R-5, R-6, R-7, R-8, R-9, R-10, R-11, and R-12.

The downgradient Hopi Hot Spot Area is near the southern end of the plume near Bacavi Street. There are three wells in this area (MW-46, MW-51 and MW-55) having GRO concentrations greater than 67,000 µg/L.

During the 2017 pilot test, approximately 468 pounds of PersulfOx was injected into each of the five wells during each of the two applications. At each of the five wells, the PersulfOx was mixed into 505 gallons of water before injection. BERS proposes to use the same approach for 2018. It is estimated that injections will average one well per day. Each of the two injection rounds are estimated to take approximately 25 days to complete.

BERS and its injection subcontractor will mobilize to the site and begin the injections. It is anticipated that the first injection will occur in July 2018. Because two new injection wells are planned at the Navajo Area, BERS' drilling subcontractor will also mobilize at the beginning of the injection activities to install two new injection wells (NI-1 and NI-2). See Figure 1. Approximately 4 to 6 weeks after the first injection, the second injection will occur. The second injection is anticipated to occur in September 2018. It is anticipated that the Fall/Winter groundwater sampling will occur in October 2018

Deliverable: Monitoring Reports (details will be provided in the Task 2(b) monitoring reports)

Due Dates: See Task 2(b)

Deliverable: Technical Memorandum (for rebound of 5 downgradient wells)

Due Date: 2 weeks after receipt of analytical results of the 5 groundwater samples

Deliverable: Monitoring Reports

Due Date: Spring/Summer 2019 (estimated)

Task 3(a) Outreach Materials *from Contract Level Performance Work Statement* – Task 6)

Prepare Materials for Public – BERS will update, if requested by the COR, prior created outreach materials for the Davis site, developed under this contract, Task Order 1001, Task Order 2009 and Task Order 3009 and the current performance period. BERS will assist in presentation of the materials at a public meeting in the Tuba City area for the Davis site. BERS assumes that

the outreach materials will include Fact Sheets and a PowerPoint. Two BERS personnel (Project Manager, Remediation Engineer) will attend.

NOTE: For costing purposes, BERS assumes that presentations for the Navajo and the Hopi will be held on two consecutive days as they were in April 2015.

Prepare public materials for public—The contractor shall update, if requested by COR, prior created outreach materials for the Davis site, developed under this contract, Task Order 1001, Task Order 2009 and Task Order 3009 and the current performance period. The contractor shall assist in presentation of the materials at a public meeting in the Tuba City area for the Davis site.

Travel for two contractor staff is approved.

Deliverable: Presentation materials for a Public Meeting

Due Date: Dates to be identified by the COR.

4. Performance Work Table

Performance Requirement	Performance Standard	Metric	Acceptable Quality Level	Monitoring System	Incentive Plan
Contractor's Offer (Work Plan Development)	Prepare and submit work plan/budget proposal.	(1) A narrative description of its technical approach to perform the work; (2) estimated budget that includes the contractor's staffing plan according to the labor categories for this work, other than direct costs (e.g., material, equipment, permits, taxes) subcontractor(s), and travel estimates; (3) deliverable (milestone) schedule; (4) certification pursuant to 1552.209-72 that the contractor is or is not aware of any potential Organizational Conflicts of Interest for the work outlined in the Government's Performance Work Statement; and (5) any other requested information. The contractor's cost component must include a breakdown of costs for each major task and/or subtask and an overall summary for the full task for the prime and any subcontractor(s).	Delivery: 1. Conference Call with PO and COR to discuss SOW within 5 working days after receipt of Task Order SOW 2. Submission of Work Plan and Budget within 10 working days after conference call.	On-time Delivery	Additional Award Option
Task 1 –Conference Calls Support	Participate in conference calls	Participation in discussion on conference calls	Clear, concise, understandable	COR will ensure that there is agreement of all parties on planned site activities.	Additional Award Option
Performance Requirement	Performance Standard	Metric	Acceptable Quality Level	Monitoring System	Incentive Plan
Task 2 – Remediation of LUSTs	Sampling, Monitoring Reports	Clarity and completeness of materials	Adherence to corrective action plan, QAPP, Health & Safety Plan, RBDM guidance for remediation work; oversight of implementation of corrective action plan; conduct and attend progress meetings, maintain field logs, and daily diaries; follow 40 CFR 280.66(b) and applicable cleanup goals for chemicals of concern.	The COR will ensure that the site implementation work represents the best technological and economically feasible approach to remediate the site to reach RBDM and/or cleanup goals in a timely manner.	Additional Award Option
Task 3 –Community Outreach	Products that can be incorporated into Agency presentations and decisions	Clarity and completeness of materials	Materials are complete.	Clarity and completeness of materials	Additional Award Option

5. Expertise Requirements – The contractor shall utilize local subcontractors for the remediation site work, preferably tribally owned subcontractors. The contractor shall seek out qualified experts to conduct field work.

6. Period of Performance: From the date of Contracting Officer's Approval through April 18, 2019.

7. Technical Direction

The COR is authorized to provide technical direction to the extent allowed under EPAAR (1552.237-71) (APR 1984) (DEVIATION). Other than the COR, only the Contract-Level COR and the Contracting Officer are authorized to provide technical direction. Therefore, the contractor shall not discuss work related to a work assignment with EPA personnel unless the COR, Contract-Level COR or Contracting Officer is present.

Technical direction includes: (1) direction to the contractor which assists the contractor in accomplishing the Statement of Work; and (2) comments on and approval/acceptance of reports or other deliverables. Technical direction must be within the contract and the Task Order Performance Work Statement. The Contract-Level COR and the COR do not have the authority to issue technical direction which (1) institutes additional work outside the scope of either the contract or this Task Order Performance Work Statement; (2) constitutes a change as defined in the "Changes" clause; (3) causes an increase or decrease in the estimated cost of the contract or Task Order Performance Work Statement; (4) alters the period of performance; or (5) changes any of the other express terms or conditions of the contract or Task Order Performance Work Statement.

Technical direction will be issued in writing or confirmed in writing within five (5) calendar days after oral issuance. The COR will provide the technical direction memorandum to the contractor, with electronic copies to the Contract-Level COR and the Contracting Officer. If the contractor has not received written confirmation within five (5) calendar days of an oral issuance, the contractor must so notify the Contract-Level COR and the COR.

This work is funded 100% LUST.

ORDER FOR SUPPLIES OR SERVICES

PAGE OF PAGES

1

2

IMPORTANT: Mark all packages and papers with contract and/or order numbers.

1. DATE OF ORDER 08/15/2018		2. CONTRACT NO. (If any) EP-W-12-009		6. SHIP TO: a. NAME OF CONSIGNEE Office of Underground Storage Tank	
3. ORDER NO. 68HEOS18F0211		4. REQUISITION/REFERENCE NO. PR-OLEM-18-00429			
5. ISSUING OFFICE (Address correspondence to) SRRPOD US Environmental Protection Agency William Jefferson Clinton Building 1200 Pennsylvania Avenue, N. W. Mail Code: 3805R Washington DC 20460				b. STREET ADDRESS U.S. EPA Two Potomac Yard (North Building) 2733 Crystal Drive Mail Code: c. CITY Arlington d. STATE VA e. ZIP CODE 22202	
7. TO: PATRICIA CURL				f. SHIP VIA	
a. NAME OF CONTRACTOR BRISTOL ENVIRONMENTAL REMEDIATION SERVICES LLC				8. TYPE OF ORDER <input type="checkbox"/> a. PURCHASE <input checked="" type="checkbox"/> b. DELIVERY REFERENCE YOUR: Please furnish the following on the terms and conditions specified on both sides of this order and on the attached sheet, if any, including delivery as indicated. Except for billing instructions on the reverse, this delivery order is subject to instructions contained on this side only of this form and is issued subject to the terms and conditions of the above-numbered contract.	
b. COMPANY NAME					
c. STREET ADDRESS 111 WEST 16TH AVENUE 3RD FLOOR 9075610013					
d. CITY ANCHORAGE		e. STATE AK	f. ZIP CODE 995015109		
9. ACCOUNTING AND APPROPRIATION DATA See Schedule				10. REQUISITIONING OFFICE Office of Underground Storage Tank	

11. BUSINESS CLASSIFICATION (Check appropriate box(es)) <input type="checkbox"/> a. SMALL <input checked="" type="checkbox"/> b. OTHER THAN SMALL <input type="checkbox"/> c. DISADVANTAGED <input type="checkbox"/> d. WOMEN-OWNED <input type="checkbox"/> e. HUBZone <input type="checkbox"/> f. SERVICE-DISABLED VETERAN-OWNED <input type="checkbox"/> g. WOMEN-OWNED SMALL BUSINESS (WOSB) ELIGIBLE UNDER THE WOSB PROGRAM <input type="checkbox"/> h. EDWOSB				12. F.O.B. POINT	
13. PLACE OF a. INSPECTION Destination b. ACCEPTANCE Destination		14. GOVERNMENT B/L NO.		15. DELIVER TO F.O.B. POINT ON OR BEFORE (Date)	
16. DISCOUNT TERMS					

17. SCHEDULE (See reverse for Rejections)

ITEM NO. (a)	SUPPLIES OR SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QUANTITY ACCEPTED (g)
	DUNS Number: 621631196 US EPA Office of Underground Storage Tanks (OUST) <input type="checkbox"/> Contract: Characterization (Assessment) and Remediation of Leaking Underground Storage Tanks (LUST) in Indian Country <input type="checkbox"/> Continued ...					

SEE BILLING INSTRUCTIONS ON REVERSE	18. SHIPPING POINT		19. GROSS SHIPPING WEIGHT		20. INVOICE NO.		17(h) TOTAL (Cont. pages)
	21. MAIL INVOICE TO:						
	a. NAME RTP Finance Center						\$53,047.84
	b. STREET ADDRESS (or P.O. Box) US Environmental Protection Agency RTP-Finance Center Mail Drop D143-02 109 TW Alexander Drive						\$53,047.84
c. CITY Durham				d. STATE NC	e. ZIP CODE 27711		17(i) GRAND TOTAL

22. UNITED STATES OF
AMERICA BY (Signature)

08/15/2018

Meghan T. Meyers

ELECTRONIC
SIGNATURE

23. NAME (Typed)

Meghan Thomas Meyers

TITLE: CONTRACTING/ORDERING OFFICER

ORDER FOR SUPPLIES OR SERVICES
SCHEDULE - CONTINUATION

PAGE NO

2

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08/15/2018

EP-W-12-009

68HE0S18F0211

ITEM NO. (a)	SUPPLIES/SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QUANTITY ACCEPTED (g)
0001	<p>Task Order Award: Timber Lake LUST Site</p> <p>This is a task order award under EPA contract EP-W-12-009. The terms and conditions of contract EP-W-12-009 are hereby incorporated by reference. The task order period of performance is August 15, 2018 through April 19, 2019. The contractor shall perform services in accordance with the attached Statement of Work and the contractor's proposal dated June 19, 2018 for the maximum ceiling amount of \$53,047.84. The task order is fully funded in the amount of \$53,047.84.</p> <p>TOCOR: Ray Faliskie</p> <p>Admin Office: SRRPOD US Environmental Protection Agency Superfund/RCRA Regional Procurement Operations 1200 Pennsylvania Ave, NW Washington DC 20460</p> <p>Period of Performance: 08/15/2014 to 04/18/2019</p> <p>5002 Timber Lake: Task Order Ceiling and Funding</p> <p>Accounting Info: 18-F-88F-000D86-2505-1888TC5005-001 BFY: 18 Fund: F Budget Org: 88F Program (PRC): 000D86 Budget (BOC): 2505 DCN - Line ID: 1888TC5005-001 Funding Flag: Complete Funded: \$53,047.84</p>				53,047.84	

TOTAL CARRIED FORWARD TO 1ST PAGE (ITEM 17(H))

\$53,047.84

AUTHORIZED FOR LOCAL REPRODUCTION
PREVIOUS EDITION NOT USABLE

OPTIONAL FORM 348 (Rev. 4/2006)
Prescribed by GSA FAR (48 CFR) 53.213(f)

Contract No. EP-W-12-009

Task Order: 5002

**Title: Soil Gas Survey Timber Lake LUST Site, Cheyenne River Indian Reservation,
Timber Lake– Region 8**

PERFORMANCE WORK STATEMENT

1. General Information

Contract-Level Contracting Officer's Representative (COR)

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Worley.ray@epa.gov

Contracting Officer's Representative (COR)/Subject Matter Experts (SME)

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Janice Pearson

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Pearson.janice@epa.gov

Tribal Contacts

Dave Nelson

605-964-6558

Dnelson@crstepd.org

2. Site Name/Background

Site Name: Timber Lake LUST Trust

Site Location: Cheyenne River Indian Reservation

Timber Lake, South Dakota

Tribe: Cheyenne River Sioux Tribe

The City of Timber Lake is located in Dewey County in north central South Dakota, within the Cheyenne River Indian Reservation (Figure 1). The city lies at approximate decimal geographical coordinates of 45.430° north latitude and 101.0174° west longitude in the southwest quarter of

Section 17, Township 17 North, Range 25 East. The site is bounded by South Dakota State Highway 20/60 to the north, Ninth Street to the south, E Street to the east, and F Street to the west.

In December 1992, water samples collected from City Well No.1 showed a benzene concentration of 7.2 µg/L, in exceedance of the 5 µg/L federal maximum contaminant level (MCL) for this compound. As a result, several site investigations were performed by contractors working for the South Dakota Department of Environment and Natural Resources (SD DENR). These investigations identified numerous former gas stations and bulk fueling facilities in the area that had been used to store petroleum products in above-ground and underground storage tanks (USTs). It is believed that the petroleum impacts to soils and groundwater resulted from multiple, historical release locations.

In 2007, a risk-based corrective action assessment for the site identified three locations with petroleum contaminated soil (PCS) as well as three separate contaminated groundwater source areas. In 2008, a total of 422 cubic yards of PCS was excavated from the three target areas, and in-situ chemical oxidation reagents were injected into the groundwater contamination source areas. In 2009, a microbial analysis was conducted to identify benzene degrading bacteria.

In 2010, sixty-nine tree seedlings were planted at the site as a supplemental phytoremediation measure to address contaminated soils and groundwater. To mitigate the potential public health risk, City Well No.1, which had been located within the block of Ninth and E Street, near the contamination source area, was replaced with a well located approximately 1000 feet to the southwest of the city, upgradient of the known contamination.

Groundwater monitoring has been conducted periodically by the U.S. Environmental Protection Agency or EPA subcontractors since 1993. During the most recent sampling event (May 2016) groundwater exceeded MCLs for various petroleum hydrocarbons, including benzene, toluene, ethylbenzene and 1,2-dichloroethane (1,2-DCA). Several wells also showed elevated concentrations of gasoline-range total petroleum hydrocarbons (TPH-G) and diesel-range total petroleum hydrocarbons (TPH-D); however, there are no established regulatory limits for TPH-G or TPH-D.

Natural attenuation parameters (dissolved oxygen, sulfate, alkalinity and/or redox potential [Eh]) were also measured during the sampling event. The measurements indicate that biological activity contributes to the decay of residual petroleum impacts; however, some wells at the site, specifically MW-16, MW-25 and MW-26 continue to show erratic benzene levels at concentrations above the MCL. In the absence of enhanced remediation, it is anticipated that the elevated concentrations will persist for several years in these wells.

Sampling activities continue to be performed at the Timber Lake LUST site to evaluate contaminant levels, spatial trends (migration), contaminant decay rates, and to assess potential health risks to receptors at the site. Results from the sampling activities have also been used to

evaluate the effectiveness of the phytoremediation program and to determine the need for potential future remedial actions. The EPA plans to continue periodic groundwater monitoring at the site.

Contractor support is required to conduct a soil gas survey. The contractor shall have experience in performing soil gas survey work and risk-based decision making; experience in remediation of petroleum contaminated soil and groundwater; familiarity with EPA's Indian Country Risk-Based Corrective Action (ICRBCA) guidance, software and regional specific policies and procedures; and familiarity with EPA's UST and LUST regulations, and guidance.

3. Tasks

This project is a continuation of work that originated under task order 4008. The purpose of this task order is to conduct a soil gas survey.

Statement of Work/Performance Work Statement/Specifications – The contractor shall contact the COR within five (5) business days upon receipt of the government's Task Order Performance Work Statement to discuss the scope of the work before the contractor submits its Performance Work Statement/Specifications (budget). The contractor shall have ten (10) business days following the conference call to submit its Performance Work Statement/Specifications (budget) electronically to the contracting officer, contract-level COR and COR.

The Performance Work Statement/Specifications (budget) shall include: (1) a narrative description of its technical approach to perform the work; (2) estimated budget that includes the contractor's staffing plan according to the labor categories for this work, other than direct costs (e.g., material, equipment, permits, taxes) subcontractor(s), and travel estimates; (3) deliverable (milestone) schedule; (4) certification pursuant to 1552.209-72 that the contractor is or is not aware of any potential Organizational Conflicts of Interest for the work outlined in the Government's Performance Work Statement; and (5) any other requested information. The contractor's cost component must include a breakdown of costs for each major task and/or subtask and an overall summary for the full task for the prime and any subcontractor(s).

Work will not commence until the contractor is in receipt of an approved task order signed by the contracting officer.

Deliverable: Conference call with COR

Due Date: Within five (5) business days upon receipt of Performance Work Statement

Deliverable: Performance Work Statement/Specifications (Budget)

Due Date: Within ten (10) business days after Conference Call

Monthly Progress/Financial Reports – The contractor shall prepare the monthly

progress/financial reports in accordance with the contract. Upon approval of the task order, the contractor shall maintain routine communication with the COR and summarize all task order activities in the monthly progress/financial reports.

Deliverable: Monthly Progress/Financial Reports

Due Date: According to Contract Term

Site-Specific Quality Assurance Project Plan (QAPP) – The contractor shall develop a QAPP in accordance with EPA QA/R-5 EPA/240/B-01/003, March 2001, reissued 2006, for all environmental data collection, generation and/or use including existing data identified in this task order for the COR's review and comment. The contractor shall use the EPA Region 8 QA Document Review Crosswalk, Form Update #28-2012 QAPP Review Crosswalk, when preparing the project-specific QAPP. The use of the form will ensure that the applicable QAPP elements are included. The link to the RQA Website for this form can be found at: <http://www.epa.gov/region8/qa/reference.html>. Click on Region 8 QA Document Review Crosswalk.

The contractor shall document on the QA Crosswalk, where each element of the project activities is located including page number(s) and SOP(s) applicable to the project-specific QAPP.

The contractor will finalize the QAPP addressing all EPA comments. The QAPP must be approved and signed by the Region 8 Quality Assurance Manager before starting environmental data collection, generation and/or use.

The contractor shall maintain and document necessary changes of the approved QAPP and complete an annual review of the QAPP using Region 8 QA Document Review Crosswalk if the work on this project extends beyond 12 months.

Deliverable: Draft QAPP

Due Date: 30 days after receipt of approved task order

Deliverable: Final QAPP

Due Date: Within seven (7) days after receipt of SME's comments

Site-Specific Health and Safety Plan (HASP) - The contractor shall prepare a HASP that defines the sampling and data collection methods that shall be used for the project based on the field activities listed in Task 2.

Deliverable: Draft HASP

Due Date: 30 days after receipt of approved Task Order

Deliverable: Final HASP

Due Date: Within seven (7) days after receipt of COR's comments

Task 1 – Conference Calls (*from Contract Level Performance Work Statement – Task 1: Conference Calls with the EPA Regional SME*)

The contractor shall participate with the COR in conference calls, as needed, to discuss the site progress and planning activities.

Deliverable: Status Conference Call(s)

Due Date: As needed basis

Task 2 – Soil Gas Survey

The contractor shall complete the fieldwork activities below:

- The contractor will review previously provided information as directed by the EPA. Additional site specific information can be requested if necessary.
- The contractor will locate all above and below ground utilities prior to conducting any field activities.
- The contractor will investigate and satisfy any Tribal Employment Rights Ordinance (TERO) requirements that may be required by the Cheyenne River Sioux Indian Tribe. The COR will provide the contractor with tribal contacts for this activity.
- The contractor will coordinate mobilization and demobilization activities for this work assignment concurrent with planned field activities. The contractor shall schedule the field activities to be completed in conjunction with the soil gas surveys to be conducted at Rank's Service and Batesland LUST sites.
- Prepare a site map displaying the soil gas vapor point.
- The contractor will install one soil vapor probe located immediately adjacent to the on-site building (Figure 1). The soil probe will be advanced to a depth of 6 feet below grade using a Geoprobe direct-push rig. The soil gas vapor point will be completed with a seven-inch long, stainless steel-screened implant connected to ¼-inch ID tubing to the surface. The tubing will be protected with steel, bolt-down, flush mount covers secured with cement grout.
- The contractor will obtain a soil vapor sample from the soil probe. The integrity of the surface seal will be assessed using a helium shroud. The soil probe will be evacuated using a sampler pump operating at approximately 2 liters per minute. The duration of this purging will be determined in the field by the length of tubing

to be purged. Upon passing the integrity test, a soil vapor sample will be collected using a 6-liter SUMMA canister and flow controller set to 200 milliliters per minute.

- The contractor shall collect samples for two additional quarters following the first sampling event.
- Soil gas samples will be analyzed for benzene, toluene, ethylbenzene, total xylenes (BTEX), methyl tertiary butyl ether (MTBE), ethylene dibromide (EDB), total petroleum hydrocarbons as gasoline (TPH-G), and total petroleum hydrocarbons as diesel (TPH-D).

Deliverable: Draft Soil Gas Survey Report (NTE 25 pages of text).

Due Date: Within 30 days after receipt of the laboratory report.

Deliverable: Final Soil Gas Survey Report (NTE 25 pages of text).

Due Date: Within 5 days of receipt of SME's comments.

4. Performance Work Table

Performance Requirement	Performance Standard	Metric	Acceptable Quality Level	Monitoring System	Incentive Plan
Work Plan/Budget Development	Prepare and submit work plan/budget proposal.	Brief technical proposal, description of contractor's approach to completion of requirement, including metrics and cost proposal that enables the EPA to make a determination of price reasonableness	Delivery: 1. Conference Call with COR to discuss SOW within 5 working days after receipt of Task Order SOW 2. Submission of Work Plan/Budget within 10 working days after conference call.	On-time Delivery	Additional Award Option
Task 1 – Conference Calls Support	Participate in conference calls	Participation in discussion on conference calls	Clear, concise, understandable	COR will ensure that there is agreement of all parties on planned site activities.	Additional Award Option
Task 2 – In-Situ Chemical Oxidation Injection Events	Deliverables submitted in accordance with schedule.	Perform the tasks according to the approved QAPP. Record and document the in-situ chemical oxidation events and provide summary report to the COR.	According to the approved QAPP, data is presented in a clear, concise manner. Report documents the in-situ chemical oxidation events.	COR will ensure that the enhanced fluid recovery events are performed according to the QAPP and that the events are well documented.	Additional Award Option

5. Period of Performance

From the date of Contracting Officer's approval through April 18, 2019.

5. Technical Direction

The COR is authorized to provide technical direction to the extent allowed under EPAAR (1552.237-71) (APR 1984) (DEVIATION). Other than the COR, only the Contract-Level COR and the Contracting Officer are authorized to provide technical direction. Therefore, the contractor shall not discuss work related to a work assignment with EPA personnel unless the COR, Contract-Level COR or Contracting Officer is present.

Technical direction includes: (1) direction to the contractor which assists the contractor in accomplishing the Statement of Work; and (2) comments on and approval/acceptance of reports

or other deliverables. Technical direction must be within the contract and the Task Order Performance Work Statement. The Contract-Level COR and the COR do not have the authority to issue technical direction which (1) institutes additional work outside the scope of either the contract or this Task Order Performance Work Statement; (2) constitutes a change as defined in the "Changes" clause; (3) causes an increase or decrease in the estimated cost of the contract or Task Order Performance Work Statement; (4) alters the period of performance; or (5) changes any of the other express terms or conditions of the contract or Task Order Performance Work Statement.

Technical direction will be issued in writing or confirmed in writing within five (5) calendar days after oral issuance. The COR will provide the technical direction memorandum to the contractor, with electronic copies to the Contracting Officer. If the contractor has not received written confirmation within five (5) calendar days of an oral issuance, the contractor must so notify the COR.

This work is funded 100% LUST.

ORDER FOR SUPPLIES OR SERVICES

PAGE OF PAGES

1

23

IMPORTANT: Mark all packages and papers with contract and/or order numbers.

1. DATE OF ORDER

08/06/2018

2. CONTRACT NO. (If any)

EP-W-12-009

6. SHIP TO:

a. NAME OF CONSIGNEE

SRRPOD

3. ORDER NO.

68HEOS18F0212

4. REQUISITION/REFERENCE NO.

PR-OLEM-18-00408

5. ISSUING OFFICE (Address correspondence to)

SRRPOD

US Environmental Protection Agency

William Jefferson Clinton Building

1200 Pennsylvania Avenue, N. W.

Mail Code: 3805R

Washington DC 20460

b. STREET ADDRESS

US Environmental Protection Agency

William Jefferson Clinton Building

1200 Pennsylvania Avenue, N. W.

Mail Code: 3805R

c. CITY

Washington

d. STATE

DC

e. ZIP CODE

20460

7. TO: PATRICIA CURL

f. SHIP VIA

a. NAME OF CONTRACTOR

BRISTOL ENVIRONMENTAL REMEDIATION SERVICES LLC

8. TYPE OF ORDER

☐ a. PURCHASE

REFERENCE YOUR:

☒ b. DELIVERY

Except for billing instructions on the reverse, this delivery order is subject to instructions contained on this side only of this form and is issued subject to the terms and conditions of the above-numbered contract.

Please furnish the following on the terms and conditions specified on both sides of this order and on the attached sheet, if any, including delivery as indicated.

d. CITY

ANCHORAGE

e. STATE

AK

f. ZIP CODE

995015109

9. ACCOUNTING AND APPROPRIATION DATA

See Schedule

10. REQUISITIONING OFFICE

Office of Underground Storage Tank

11. BUSINESS CLASSIFICATION (Check appropriate box(es))

☒ a. SMALL☐ b. OTHER THAN SMALL☐ c. DISADVANTAGED☐ d. WOMEN-OWNED☐ e. HUBZone☐ f. SERVICE-DISABLED
VETERAN-OWNED☐ g. WOMEN-OWNED SMALL BUSINESS (WOSB)
ELIGIBLE UNDER THE WOSB PROGRAM☐ h. EDWOSB

12. F.O.B. POINT

13. PLACE OF

a. INSPECTION

Destination

b. ACCEPTANCE

Destination

14. GOVERNMENT B/L NO.

15. DELIVER TO F.O.B. POINT
ON OR BEFORE (Date)

16. DISCOUNT TERMS

17. SCHEDULE (See reverse for Rejections)

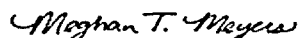
ITEM NO. (a)	SUPPLIES OR SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QUANTITY ACCEPTED (g)
	DUNS Number: 621631196 US EPA Office of Underground Storage Tanks (OUST) Contract: Characterization (Assessment) and Remediation of Leaking Underground Storage Tanks (LUST) in Indian Country Continued ...					

SEE BILLING INSTRUCTIONS ON REVERSE	18. SHIPPING POINT		19. GROSS SHIPPING WEIGHT		20. INVOICE NO.			17(h) TOTAL (Cont. pages)
	21. MAIL INVOICE TO:							
	a. NAME		RTP Finance Center				\$210,903.70	17(i) GRAND TOTAL
	b. STREET ADDRESS (or P.O. Box)		US Environmental Protection Agency RTP-Finance Center Mail Drop D143-02 109 TW Alexander Drive				\$210,903.70	
	c. CITY		d. STATE		e. ZIP CODE			
Durham		NC		27711				

22. UNITED STATES OF

AMERICA BY (Signature)

08/06/2018

ELECTRONIC
SIGNATURE

23. NAME (Typed)

Meghan Thomas Meyers

TITLE: CONTRACTING/ORDERING OFFICER

ORDER FOR SUPPLIES OR SERVICES
SCHEDULE - CONTINUATION

PAGE NO

2

IMPORTANT: Mark all packages and papers with contract and/or order numbers.

DATE OF ORDER

CONTRACT NO.

ORDER NO.

08/06/2018

EP-W-12-009

68HE0S18F0212

ITEM NO. (a)	SUPPLIES/SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QUANTITY ACCEPTED (g)
	<p>Task Order Award: Remedial Activities for the Rank's Service Site, Crow Creek Indian Reservation, Fort Thompson, South Dakota Region 8</p> <p>The terms and conditions of contract EP-W-12-009 are hereby incorporated by reference. The task order period of performance is August 6, 2018 through April 19, 2019. The contractor shall perform services in accordance with the attached Statement of Work and the contractor's proposal dated June 29, 2018 for a ceiling amount of \$210,903.70, which the contractor is not authorized to exceed. This task order is fully funded in the amount of \$210,903.70.</p> <p>TOCOR: Ray Falskie Invoice Approver: Christine Edwards Alt Invoice App: Ray Worley</p> <p>Admin Office: SRRPOD US Environmental Protection Agency Superfund/RCRA Regional Procurement Operations 1200 Pennsylvania Ave, NW Washington DC 20460</p> <p>Accounting Info: 18-F-88F-000D86-2505-HQ007-1888TC5012-001 BFY: 18 Fund: F Budget Org: 88F Program (PRC): 000D86 Budget (BOC): 2505 Job #: HQ007 DCN - Line ID: 1888TC5012-001 Period of Performance: 08/06/2018 to 04/18/2019</p>					
0001	Task Order Ceiling and Funding				210,903.70	
TOTAL CARRIED FORWARD TO 1ST PAGE (ITEM 17(H))					\$210,903.70	

Contract No. EP-W-12-009

Task Order 5003

Title: Remedial Activities for the Rank's Service LUST Site, Crow Creek Indian Reservation, Fort Thompson, South Dakota Region 8

PERFORMANCE WORK STATEMENT

1. General Information

Contract-Level Contracting Officer's Representative (COR)

Christine Edwards

(202) 564-2182

Edwards.Christine@epa.gov

Alternate Contract-Level Contracting Officer's Representative (COR)

Ray Worley

202-564-1634

Worley.ray@epa.gov

Task Order Contracting Officer's Representative (TOCOR)/Subject Matter Expert (SME)

Ray Faliskie

303-312-6124

Faliskie.raymond@epa.gov

Alternate Task Order Contracting Officer's Representative (TOCOR)/Subject Matter Expert (SME)

Matthew Langenfeld

303-312-6284

Langenfeld.matthew@epa.gov

Tribal Contacts

Wanda Marks Gournea

605-245-2729

swan57339@yahoo.com

2. Site Name/Background

Site Name: Rank's Service

Site Location: Crow Creek Indian Reservation,

Fort Thompson, South Dakota

Tribe: Crow Creek

The former Rank's Service LUST site (the site) is located within the Crow Creek Indian Reservation. The site is located along U.S. Highway 34, near the intersection with SD-47 and East Fort Thompson Road. The site is located near the northeast corner of the intersection

between Lode Star Casino and the Lode Star Hotel in Fort Thompson, South Dakota.

The site history is based on information provided by the South Dakota Department of Environment & Natural Resources (SD DENR). Elnita Rank owns the property. Three 3,000 underground storage tanks (USTs) were installed in 1975 and were used for storing gasoline. A limited site assessment, consisting of the advancement of three soil borings, was conducted in 2000. Soil samples collected during this investigation indicated elevated concentrations of petroleum hydrocarbons in the vicinity of the former tank basin.

In February 2010, excavation and field screening of petroleum-hydrocarbon-contaminated soil were completed near the location of the former USTs; 1,000 cubic yards of soil were removed and transported to an appropriate disposal facility. Confirmation soil samples were collected from the base and side walls of the excavation in order to assess the concentrations of remaining subsurface contamination. The excavation was backfilled.

In September 2010, another soil excavation was conducted at the site and an additional 825 cubic yards of petroleum-contaminated soil and concrete debris, centered near the location of the former pump island, was removed. Contamination was traced up to the building, but further excavation was not possible. Photoionization detector results indicate that petroleum contamination remains in the soil.

In November 2010, a site assessment was completed to determine the extent of contamination and to collect groundwater samples to determine if groundwater has been impacted. Eight soil borings were drilled to groundwater and soil and water samples were collected from each boring. Results for the soil sampling indicated elevated levels of Total Petroleum Hydrocarbons as gasoline (THP-g), Total Petroleum Hydrocarbons as diesel (TPH-d), and Napthalene in soil. Groundwater samples were found to contain TPH-d, 1,2-Dichloroethane (1,2-DCA), 1,2-Dibromoethane (EDB), TPH-g, Methyl, Tertiary, Butyl, Ether (MTBE), and Benzene, Toluene, Ethylbenzene, and Xylenes (BTEX), levels above maximum contaminant levels (MCLs).

In February 2012, seven monitoring wells were installed to evaluate the extent of petroleum hydrocarbon contamination in the surficial, subsurface soils and groundwater onsite and surrounding the former Rank's Service site in Fort Thompson, South Dakota. Results showed elevated levels of contaminants of TPH, GRO, DRO, and Napthalene in soil and levels above MCLs for Benzene, Toluene, and Ethylbenzene in groundwater.

In August 2014, six monitor wells were installed to evaluate the extent of petroleum hydrocarbon contamination. An air sparge/vapor extraction system pilot test was conducted following the installation of the monitor wells. Data collected during the pilot test determined that air sparge/vapor extraction is technically and economically feasible to remediate soil and groundwater. The remedial system was installed from September 8 through November 16, 2015. The system was put into operation on November 17, 2015.

Contractor support is required to conduct a soil gas survey at the site in order to collect data for a risk analysis evaluation. The contractor shall have experience in performing site characterization work using expedited site assessment methods and risk-based decision making; experience in remediation of petroleum contaminated soil and groundwater; familiarity with EPA's Indian Country Risk-Based Corrective Action (ICRBCA) guidance, software and regional specific policies and procedures; and familiarity with EPA's UST and LUST regulations, and guidance.

3. Scope

The scope of this task order is to complete of the chemical oxidation injection event started under Task Order 3003 and to complete a soil gas survey in accordance with the Performance Work Statement.

4. Tasks

Statement of Work/Performance Work Statement/Specifications (Budget) – The contractor shall contact the TOCOR within five (5) business days upon receipt of the amendment to discuss the scope of the work before the contractor submits its Performance Work Statement/Specifications (budget). The contractor shall have ten (10) business days following the conference call to submit its Performance Work Statement/Specifications (budget) electronically to the Contracting Officer, Contract-Level COR and TOCOR.

The Performance Work Statement/Specifications (budget) shall include (1) a narrative description of its technical approach to perform the work; (2) estimated budget that includes the contractor's staffing plan according to the labor categories for this work, other than direct costs (e.g., material, equipment, permits, taxes) subcontractor(s), and travel estimates; (3) deliverable (milestone) schedule; (4) certification pursuant to 1552.209-72 that the contractor is or is not aware of any potential Organizational Conflicts of Interest for the work outlined in the Government's Performance Work Statement; and (5) any other requested information. The contractor's cost component must include a breakdown of costs for each major task and/or subtask and an overall summary for the full task for the prime and any subcontractor(s).

Work will not commence until the contractor is in receipt of an approved Task Order signed by the Contracting Officer.

Deliverable: Conference Call with TOCOR

Due Date: Within five (5) business days upon receipt of Performance Work Statement

Deliverable: Performance Work Statement/Specifications (Budget)

Due Date: Within ten (10) business days after Conference Call

Monthly Progress/Financial Reports (Administrative) – The contractor shall prepare the

monthly progress/financial reports in accordance with the contract. Upon approval of the modification, the contractor shall maintain routine communication with the TOCOR and summarize all task order activities in the monthly progress/financial reports.

Deliverable: Monthly Progress/Financial Reports (Administrative)

Due Date: According to Contract Term

Site-Specific Quality Assurance Project Plan (QAPP) – A QAPP to complete the tasks described in this SOW was submitted and approved in June 2015. The contractor must review the QAPP and update to include the tasks in this SOW. The review of the QAPP must be performed using the EPA Region 8 QA Document Review Crosswalk, Form Update #28-2012 QAPP Review Crosswalk. The use of the form will ensure that the applicable QAPP elements are included. The link to the R8 QA Website for this form can be found at:
<http://www.epa.gov/region8/qa/reference.html>.

The contractor shall maintain and document necessary changes of the approved QAPP and complete an annual review of the QAPP using Region 8 QA Document Review Crosswalk if the work on this project extends beyond 12 months.

Deliverable: Draft Region 8 QA Document Review Crosswalk

Due Date: 30 days after receipt of approved modification

Deliverable: Final Region 8 QA Document Review Crosswalk

Due Date: Within seven (7) days after receipt of TOCOR's comments

Site-Specific Health and Safety Plan (HASP) - The contractor shall update the HASP, if necessary, to include the field activities described in this SOW.

Deliverable: Draft HASP

Due Date: 30 days after receipt of approved modification

Deliverable: Final HASP

Due Date: 7 days after receipt of TOCOR's comments

Task 1 – Conference Calls (*from Contract Level Performance Work Statement – Task 1: Conference Calls with the EPA Regional SME*)

The contractor shall participate with the TOCOR in conference calls, as needed, to discuss the site progress and planning activities.

Deliverable: Status Conference Call(s)

Due Date: As needed basis

Task 2 – In-Situ Chemical Oxidation Injection Event (scheduled for June 5 under Task Order 3003)

The contractor shall complete the following task to reduce groundwater contaminants as follows:

- The contractor shall investigate and satisfy any Tribal Employment Rights Ordinance (TERO) requirements that may be required by the Crow Creek Indian Tribe. The EPA will provide the contractor with tribal contacts for this activity. COMPLETED under Task Order 3003.
- The contractor shall coordinate mobilization and demobilization activities for this Task Order concurrent with planned field activities.
- The contractor shall schedule a one-time injection event (scheduled for June 5) of the remedial technology selected. The contractor shall provide a site map displaying the injections points, materials and quantity to be used during the injection event.
- The EPA will conduct the pre- and post-sampling events.

Deliverable: Draft a Summary Report (NTE 25 pages of text)

Due Date: Within 30 days after completion of the installation

Deliverable: Final Summary Report (NTE 25 pages of text)

Due Date: Within 5 days of receipt of SME's comments.

Task 4 – Soil Gas Survey

The contractor shall complete the fieldwork activities below:

- The contractor will review previously provided information as directed by the EPA. Additional site specific information can be requested if necessary.
- The contractor will locate all above and below ground utilities prior to conducting any field activities.
- The contractor will investigate and satisfy any additional Tribal Employment Rights Ordinance (TERO) requirements that may be required by the Cheyenne River Sioux Indian Tribe. The EPA will provide the contractor with tribal contacts for this activity.

- The contractor will coordinate mobilization and demobilization activities for this task concurrent with planned field activities. The contractor shall schedule the field activities to be completed in conjunction with the soil gas surveys to be conducted at Timber Lake and Batesland LUST sites.
- Prepare a site map displaying the soil gas vapor point.
- The contractor will install one soil vapor probe located immediately adjacent to the on-site building (Figure 1). The soil probe will be advanced to a depth of 6 feet below grade using a Geoprobe direct-push rig. The soil gas vapor point will be completed with a seven-inch long, stainless steel-screened implant connected to 1/4-inch ID tubing to the surface. The tubing will be protected with steel, bolt-down, flush mount covers secured with cement grout.
- The contractor will obtain a soil vapor sample from the soil probe. The integrity of the surface seal will be assessed using a helium shroud. The soil probe will be evacuated using a sampler pump operating at approximately 2 liters per minute. The duration of this purging will be determined in the field by the length of tubing to be purged. Upon passing the integrity test, a soil vapor sample will be collected using a 6-liter SUMMA canister and flow controller set to 200 milliliters per minute.
- Soil gas samples will be analyzed for benzene, toluene, ethylbenzene, total xylenes (BTEX), methyl tertiary butyl ether (MTBE), ethylene dibromide (EDB), total petroleum hydrocarbons as gasoline (TPH-G), and total petroleum hydrocarbons as diesel (TPH-D).
- The contractor shall collect samples for two additional quarters following the first sampling event.

Deliverable: Draft Soil Gas Survey Report (NTE 25 pages of text).

Due Date: Within 30 days after receipt of the laboratory report.

Deliverable: Final Soil Gas Survey Report (NTE 25 pages of text).

Due Date: Within 5 days of receipt of TOCOR's comments.

4. Performance Work Table

Performance Requirement	Performance Standard	Metric	Acceptable Quality Level	Monitoring System	Incentive Plan
Work Plan/Budget Development	Prepare and submit work plan/budget proposal.	Brief technical proposal, description of contractor's approach to completion of requirement, including metrics and cost proposal that enables EPA to make a determination of price reasonableness	Delivery: 1. Conference Call with TOCOR to discuss SOW within 5 working days after receipt of SOW. 2. Submission of Work Plan/Budget within 10 working days after conference call.	On-time Delivery	Additional Award Option
Task 2 - In-Situ Chemical Oxidation Injection Event	Deliverables submitted in accordance with schedule.	Perform the tasks according to the approved QAPP. Record and document injection event and provide summary report to the TOCOR.	According to the approved QAPP, report is presented in a clear, concise manner. Report documents the injection event.	TOCOR will ensure that the enhanced fluid recovery events are performed according to the QAPP and that the events are well documented.	Additional Award Option
Task 3 – Soil Gas Survey	Deliverables submitted in accordance with schedule.	Perform the tasks according to the SOW and approved workplan. Record and document the activities and provide summary report to the TOCOR.	Soil Gas survey done in a timely manner on budget and report submitted in a timely manner.	TOCOR will ensure that the event is performed according to the workplan and that the event is well documented.	Additional Award Option

5. Period of Performance

From the date of Contracting Officer's Approval through April 19, 2019.

6. Technical Direction

The designated TOCOR is authorized to provide technical direction to the extent allowed under

EPAAR (1552.237-71) (APR 1984) (DEVIATION). Other than the designated TOCOR only the Contracting Officer is authorized to provide technical direction. Therefore, the contractor shall not discuss work related to this task order with EPA personnel unless the designated TOCOR or Contracting Officer is present.

Technical direction includes: (1) direction to the contractor which assists the contractor in accomplishing the Statement of Work; and (2) comments on and approval/acceptance of reports or other deliverables. Technical direction must be within the contract and the Task Order Performance Work Statement. The TOCOR does not have the authority to issue technical direction which (1) institutes additional work outside the scope of either the contract or this Task Order Performance Work Statement; (2) constitutes a change as defined in the "Changes" clause; (3) causes an increase or decrease in the estimated cost of the contract or Task Order Performance Work Statement; (4) alters the period of performance; or (5) changes any of the other express terms or conditions of the contract or Task Order Performance Work Statement.

Technical direction will be issued in writing or confirmed in writing within five (5) calendar days after oral issuance. The TOCOR will provide the technical direction memorandum to the contractor, with electronic copies to the Contracting Officer. If the contractor has not received written confirmation within five (5) calendar days of an oral issuance, the contractor must so notify the TOCOR.

This work is funded 100% LUST.

ORDER FOR SUPPLIES OR SERVICES

PAGE OF PAGES

1

2

IMPORTANT: Mark all packages and papers with contract and/or order numbers.

1. DATE OF ORDER 09/28/2018		2. CONTRACT NO. (If any) EP-W-12-009		6. SHIP TO: a. NAME OF CONSIGNEE Office of Underground Storage Tank	
3. ORDER NO. 68HEOS18F0213		4. REQUISITION/REFERENCE NO. PR-OLEM-18-00410		b. STREET ADDRESS U.S. EPA Two Potomac Yard (North Building) 2733 Crystal Drive Mail Code:	
5. ISSUING OFFICE (Address correspondence to) SRRPOD US Environmental Protection Agency William Jefferson Clinton Building 1200 Pennsylvania Avenue, N. W. Mail Code: 3805R Washington DC 20460				c. CITY Arlington	e. ZIP CODE 22202
7. TO: PATRICIA CURL				f. SHIP VIA	
a. NAME OF CONTRACTOR BRISTOL ENVIRONMENTAL REMEDIATION SERVICES LLC				8. TYPE OF ORDER	
b. COMPANY NAME				<input type="checkbox"/> a. PURCHASE <input checked="" type="checkbox"/> b. DELIVERY Except for billing instructions on the reverse, this delivery order is subject to instructions contained on this side only of this form and is issued subject to the terms and conditions of the above-numbered contract.	
c. STREET ADDRESS 111 WEST 16TH AVENUE 3RD FLOOR 9075610013				REFERENCE YOUR: Please furnish the following on the terms and conditions specified on both sides of this order and on the attached sheet, if any, including delivery as indicated.	
d. CITY ANCHORAGE		e. STATE AK	f. ZIP CODE 995015109		
9. ACCOUNTING AND APPROPRIATION DATA See Schedule				10. REQUISITIONING OFFICE Office of Underground Storage Tank	
11. BUSINESS CLASSIFICATION (Check appropriate box(es))					
<input checked="" type="checkbox"/> a. SMALL <input type="checkbox"/> b. OTHER THAN SMALL <input type="checkbox"/> c. DISADVANTAGED <input type="checkbox"/> d. WOMEN-OWNED <input type="checkbox"/> e. HUBZone <input type="checkbox"/> f. SERVICE-DISABLED VETERAN-OWNED <input type="checkbox"/> g. WOMEN-OWNED SMALL BUSINESS (WOSB) ELIGIBLE UNDER THE WOSB PROGRAM <input type="checkbox"/> h. EDWOSB					
12. F.O.B. POINT					

13. PLACE OF		14. GOVERNMENT B/L NO.	15. DELIVER TO F.O.B. POINT ON OR BEFORE (Date)	16. DISCOUNT TERMS
a. INSPECTION Destination	b. ACCEPTANCE Destination			

17. SCHEDULE (See reverse for Rejections)

ITEM NO. (a)	SUPPLIES OR SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QUANTITY ACCEPTED (g)
	DUNS Number: 621631196 US EPA Office of Underground Storage Tanks (OUST) Contract: Characterization (Assessment) and Remediation of Leaking Underground Storage Tanks (LUST) in Indian Country Continued ...					

SEE BILLING INSTRUCTIONS ON REVERSE	18. SHIPPING POINT		19. GROSS SHIPPING WEIGHT		20. INVOICE NO.		17(h) TOTAL (Cont. pages)
	21. MAIL INVOICE TO:						
	a. NAME RTP Finance Center						\$49,125.49
	b. STREET ADDRESS (or P.O. Box) US Environmental Protection Agency RTP-Finance Center Mail Drop D143-02 109 TW Alexander Drive						\$49,125.49
c. CITY Durham				d. STATE NC	e. ZIP CODE 27711		17(i) GRAND TOTAL

22. UNITED STATES OF AMERICA BY (Signature)

09/28/2018

Meghan T. Meyers

ELECTRONIC SIGNATURE

23. NAME (Typed)

Meghan Thomas Meyers

TITLE: CONTRACTING/ORDERING OFFICER

ORDER FOR SUPPLIES OR SERVICES
SCHEDULE - CONTINUATION

PAGE NO

2

IMPORTANT: Mark all packages and papers with contract and/or order numbers.

DATE OF ORDER

CONTRACT NO.

ORDER NO.

09/28/2018

EP-W-12-009

68HE0S18F0213

ITEM NO. (a)	SUPPLIES/SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QUANTITY ACCEPTED (g)
	<p>Task Order Award: Remedial Activities for Batesland Store LUST Trust Site ; Pine Ridge Indian Reservation, Batesland, South Dakota</p> <p>The terms and conditions of contract EP-W-12-009 are hereby incorporated by reference. The task order period of performance is September 28, 2018 through April 19, 2019. The contractor shall perform services in accordance with the attached Statement of Work and the contractor's proposal dated June 22, 2018 for the maximum ceiling amount of 49,125.49.</p> <p>TOCOR: Tamiko Brown</p> <p>Admin Office:</p> <p>SRRPOD</p> <p>US Environmental Protection Agency</p> <p>Superfund/RCRA Regional Procurement Operations</p> <p>1200 Pennsylvania Ave, NW</p> <p>Washington DC 20460</p> <p>Accounting Info:</p> <p>18-F-88F-000D86-2505-HQ007-1888TC5009-001</p> <p>BFY: 18 Fund: F Budget Org: 88F Program (PRC): 000D86 Budget (BOC): 2505 Job #: HQ007 DCN - Line ID: 1888TC5009-001</p> <p>Period of Performance: 09/28/2018 to 04/18/2019</p>					
0001	EP-W-12-009 Task Order 5004 Batesland				49,125.49	

TOTAL CARRIED FORWARD TO 1ST PAGE (ITEM 17(H))

\$49,125.49

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PREVIOUS EDITION NOT USABLE

OPTIONAL FORM 348 (Rev. 4/2006)

Prescribed by GSA FAR (48 CFR) 53.213(f)

Contract No. EP-W-12-009

Task Order 5004

Title: Remedial Activities for Batesland Store (former Mobil Oil) LUST Trust Site, Pine Ridge Indian Reservation, Batesland, South Dakota - Region 8

PERFORMANCE WORK STATEMENT

1. General Information

Contract-Level Contracting Officer's Representative (COR)

Christine Edwards

202-564-2182

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Alternate Contract-Level Contracting Officer's Representative (COR)

Ray Worley

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Task Order Contracting Officer's Representative (TOCOR)/Subject Matter Expert (SME)

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Alternate Task Order Contracting Officer's Representative (TOCOR)/Subject Matter Expert (SME)

Matthew Langenfeld

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Tribal Contacts

Suzy (Lloydell) Mesteth

(605) 867-5236

suzym@oglala.org

2. Site Name/Background

Site Name: Batesland Store (Former Mobil Oil)

Site Location: Pine Ridge Indian Reservation

Batesland, South Dakota

Tribe: Oglala Sioux Tribe

The Batesland Store (former Mobile Oil) site is located along State Highway 18 within the Pine Ridge Indian Reservation. The site is located at the southeast corner of the intersection of Cedar Street and State Highway 18. The Batesland Store site was previously operated as a gasoline station.

The site is currently a vacant lot containing a former building foundation and open areas of soil, gravel and prairie grasses. Recently the owner added two mobile homes to the property. The land north of the site is open farmland. The land east of the site is vacant land. The land south of the site contains a residential property and a shop facility. The Bennett County Co-op site, which includes an active refueling station, is located west of the site across Cedar Street.

The Batesland Store (former Mobil Oil) site history is based on information provided by the South Dakota Department of Environment and Natural Resources (SD DENR) and U.S. Environmental Protection Agency (EPA) interviews. There is evidence that contaminated groundwater in Batesland is attributed to two sources: the Batesland Store (former Mobil Oil) and the Bennett County Co-op sites. Interviews suggested that the Batesland Store, formerly a Mobil Oil Gas station, had leaking underground storage tanks (LUSTS) in the 1950s and 1960s that contaminated groundwater in wells around the area. On June 27, 1986, a gasoline spill of approximately 13,000 gallons was reported at the Bennett County Co-op located west of the site.

In September 2007, Timberline Resources, Inc. (TRI) on behalf of EPA/Region 8 removed nine underground storage tanks (USTs), along with associated piping, from the site (TRI 2007). The nine tanks removed included: three 500-gallon tanks (T4, T6, and T9); five 2,000-gallon tanks (T1, T2, T3, T5, and T8); and one 1,000-gallon tank (T7). Following removal of the USTs, 60 cubic yards of petroleum hydrocarbon impacted soil was removed from beneath and to the southeast of the 500-gallon UST labeled T9. Visible soil staining was observed to increase vertically in depth beneath T9.

Analytical results for soil sampling at the site after removal of the USTs indicate that petroleum hydrocarbon impacts remain in the soil at the site. A Tier II Site Assessment was recommended for the site because greater than 500 parts per million total petroleum hydrocarbons (TPH) remained in soil after excavation and removal of the USTs.

In June 2009, this contractor, under Contract No. EP-W-08-073, conducted a site assessment at the Batesland Store site. Concentrations of petroleum hydrocarbons in soil above SD DENR Tier I Action Levels were found at three of the eight soil boring locations. Results from soil sampling exceeded SD DENR Tier I Action Levels for the following constituents: TPH-diesel range organics (TPH-D); TPH-gasoline range organics (TPH-G); benzene, toluene, ethylbenzene, and xylenes (BTEX); and naphthalene.

As part of the June 2009 site assessment, groundwater samples were collected. Two of the newly installed wells (MW-4 and MW-6) had up to 3 feet of free product. Product was also present in MW-7 and MW-8. Analytical results indicate that concentrations of petroleum hydrocarbons were present at all well locations and were above maximum contaminant levels (MCLs) of the

EPA Safe Drinking Water Act (SDWA), which the EPA established for petroleum releases at UST sites in Indian Country (EPA 1995), and the SD DENR groundwater quality (human health) standards.

In December 2009, this contractor conducted additional site assessment work, which consisted of drilling of six soil borings and conversion of the borings to groundwater monitoring wells. Soil samples were collected from the soil borings and a complete round of groundwater sampling was conducted on all project wells. Analytical results indicate that TPH-D, TPH-G, BTEX and naphthalene were present in soil at concentrations above EPA Tier I risk based screening levels (RBSLs) and SD DENR Tier I Action Levels. The results of the site assessment also found that free product was present in groundwater monitoring wells MW-4, MW-6, MW-7 and MW-8.

In June, August and September 2010, five bioelectrochemical (BEC) wells and three monitoring wells were installed. Another Region 8 contractor, under Contract No. EP-R8-10-02, conducted the BEC testing and installation. The project showed successful degradation of benzene, TPH-G and TPH-D.

During October through December 2010, under Contract No. EP-R8-10-08, the contractor performed monthly free product and dissolved phase groundwater recovery activities on project wells MW-4, MW-6, MW-7 and MW-8 during the October 2010 event. During the November 2010 event, fluid recovery was performed on MW-4, MW-6 through MW-9. During the December 2010 event, enhanced fluid recovery was performed on MW-4, MW-6, MW-7 and MW-9.

In April 2011, under Contract No. EP-R8-10-08, the contractor performed an additional enhanced fluid recovery event on project wells MW-4, MW-6, MW-7, MW-8, and MW-17. The Region 8 contractor analyzed the results of the fluid recovery and recommended stopping the enhanced fluid recovery program.

In October 2011, three recovery wells were installed which are used to recover free product at the site.

In July 2014, under Contract No. EP-R8-10-08, the contractor installed an air sparge/vapor extraction system on-site. The system operated from July 2014 through February 2018, and is being discontinued due to low product recovery rates.

Contractor support is required to conduct a soil gas survey at the site in order to collect data for a risk analysis evaluation. The contractor shall have experience in performing site characterization work using expedited site assessment methods and risk-based decision making; experience in remediation of petroleum contaminated soil and groundwater; familiarity with EPA's Indian Country Risk-Based Corrective Action (ICRBCA) guidance, software and regional specific policies and procedures; and familiarity with EPA's UST and LUST regulations, and guidance.

3. Scope

The scope of this task order is to complete the decommissioning of the remedial system started under task order 3004 and to complete a soil gas survey.

4. Tasks

Statement of Work/Performance Work Statement/Specifications – The contractor shall contact the TOCOR within five (5) business days upon receipt of this amendment to discuss the scope of the work before the contractor submits its Performance Work Statement/Specifications (budget). The contractor shall have ten (10) business days following the conference call to submit its Performance Work Statement/Specifications (budget) electronically to the Contracting Officer, Contract-Level COR and TOCOR.

The Performance Work Statement/Specifications (budget) shall include: (1) a narrative description of its technical approach to perform the work; (2) estimated budget that includes the contractor's staffing plan according to the labor categories for this work, other than direct costs (e.g., material, equipment, permits, taxes, subcontractor(s)) and travel estimates; (3) deliverable (milestone) schedule; (4) certification pursuant to 1552.209-72 that the contractor is or is not aware of any potential Organizational Conflicts of Interest for the work outlined in the Government's Performance Work Statement; and (5) any other requested information. The contractor's cost component must include a breakdown of costs for each major task and/or subtask and an overall summary for the full task for the prime and any subcontractor(s).

Work will not commence until the contractor is in receipt of an approved task order signed by the Contracting Officer.

Deliverable: Conference Call with TOCOR

Due Date: Within five (5) business days upon receipt of amendment

Deliverable: Performance Work Statement/Specifications

Due Date: Within ten (10) business days after Conference Call

Task 1 – Reporting and Planning

1.1 Monthly Progress/Financial Reports – The contractor shall prepare the monthly progress/financial reports in accordance with the contract. Upon approval of the task order, the contractor shall maintain routine communication with the TOCOR and summarize all task order activities in the monthly progress/financial reports.

Deliverable: Monthly Progress/Financial Reports

Due Date: According to Contract Term

1.2 Site-Specific Quality Assurance Project Plan (QAPP) - The contractor shall develop a QAPP in accordance with EPA QA/R-5 EPA/240/B-01/003, March 2001, reissued 2006, for all

environmental data collection, generation and/or use including existing data identified in this task order for the TOCOR's review and comment. The contractor shall use the EPA Region 8 QA Document Review Crosswalk, Form Update #28-2012 QAPP Review Crosswalk when preparing the project-specific QAPP. The use of the form will ensure that the applicable QAPP elements are included. The link to the RQA Website for this form can be found at:

https://www.epa.gov/sites/production/files/2016-01/epa_region_8_qa_document_review_crosswalk_jan_2016.docx. Click on Region 8 QA Document Review Crosswalk.

The contractor shall document on the QA Crosswalk, where each element of the project activities is located including page number(s) and SOP(s) applicable to the project-specific QAPP.

The contractor will finalize the QAPP addressing all EPA comments. The QAPP must be approved and signed by the Region 8 Quality Assurance Manager before starting environmental data collection, generation and/or use.

The contractor shall maintain and document necessary changes of the approved QAPP and complete an annual review of the QAPP using Region 8 QA Document Review Crosswalk if the work on this project extends beyond 12 months.

Deliverable: Draft QAPP

Due Date: 30 days after receipt of approved Task Order

Deliverable: Final QAPP

Due Date: Within seven (7) days after receipt of TOCOR's comments

1.3 Site-Specific Health and Safety Plan (HASP) - The contractor shall prepare a HASP that defines the sampling and data collection methods that shall be used for the project based on the field activities listed in Task 3 and 4.

Deliverable: Draft HASP

Due Date: 30 days after receipt of approved Task Order

Deliverable: Final HASP

Due Date: Within seven (7) days after receipt of TOCOR's comments

Task 2 - Conference Calls

The contractor shall participate with the TOCOR in conference calls, as needed, to discuss the site progress and planning activities.

Deliverable: Status Conference Call(s)

Due Date: As needed basis

Task 3 - Decommissioning of the Remedial System

The contractor shall decommission the remedial system. Work shall be performed to disconnect piping to the system from the remedial wells. Electric service/utilities were stopped under Task Order 3004. The remedial wells will not be abandoned at this time. The contractor shall prepare and submit a report, not to exceed 5 pages of text. The report shall include the work completed along with photographs.

Deliverable: Draft Report

Due Date: Within 30 days of completion

Deliverable: Final Report

Due Date: Within seven (7) days after receipt of TOCOR's comments

Task 4 – Soil Gas Survey

The contractor shall complete the fieldwork activities below:

- The contractor will review previously provided information as directed by the EPA. Additional site specific information can be requested if necessary.
- The contractor will locate all above and below ground utilities prior to conducting any field activities.
- The contractor will investigate and satisfy any Tribal Employment Rights Ordinance (TERO) requirements that may be required by the Oglala Sioux Indian Tribe. The EPA will provide the contractor with tribal contacts for this activity.
- The contractor will coordinate mobilization and demobilization activities for this work assignment concurrent with planned field activities. The contractor shall schedule the field activities to be completed in conjunction with the soil gas surveys to be conducted at Timber Lake and Rank's Service LUST sites.
- Prepare a site map displaying the soil gas vapor point.
- The contractor will install three soil vapor probes located immediately adjacent to two on-site buildings and one off-site residential building. (Figure 1). If the property owner of the residential building grants access to his basement the soil probe will be installed in the basement. It is our understanding that the basement has a dirt floor. If access is denied the soil probe will be installed immediately adjacent to the building at a depth of 6 feet below the basement floor. The soil probe will be advanced to a depth of 6 feet below grade using a Geoprobe direct-push rig. The soil gas vapor point will be completed with a seven-inch long, stainless steel-screened implant connected to ¼-inch ID tubing to the surface. The

tubing will be protected with steel, bolt-down, flush mount covers secured with cement grout.

- The contractor will obtain a soil vapor samples from each soil probe. The integrity of the surface seal will be assessed using a helium shroud. The soil probe will be evacuated using a sampler pump operating at approximately 2 liters per minute. The duration of this purging will be determined in the field by the length of tubing to be purged. Upon passing the integrity test, a soil vapor sample will be collected using a 6-liter SUMMA canister and flow controller set to 200 milliliters per minute.
- The contractor shall collect samples for two additional quarters following the first sampling event.
- Soil gas samples will be analyzed for benzene, toluene, ethylbenzene, total xylenes (BTEX), methyl tertiary butyl ether (MTBE), ethylene dibromide (EDB), total petroleum hydrocarbons as gasoline (TPH-G), and total petroleum hydrocarbons as diesel (TPH-D).

Deliverable: Draft Soil Gas Survey Report (NTE 25 pages of text).

Due Date: Within 30 days after receipt of the laboratory report.

Deliverable: Final Soil Gas Survey Report (NTE 25 pages of text).

Due Date: Within 5 days of receipt of TOCOR's comments.

5. Performance Work Table

Performance Requirement	Performance Standard	Metric	Acceptable Quality Level	Monitoring System	Incentive Plan
Work Plan/Budget Development	Prepare and submit work plan/budget proposal.	Brief technical proposal, description of contractor's approach to completion of requirement, including metrics and cost proposal that enables EPA to make a determination of price reasonableness	Delivery: 1. Conference Call with Administrative TOCOR to discuss SOW within 5 working days after receipt of SOW 2. Submission of Work Plan/Budget within 10 working days after conference call.	On-time Delivery	Past Performance rating of at least Very Good.
Task 3- Decommissioning of the Remedial System	Deliverables submitted in accordance with schedule.	Complete the task in a timely manner. Coordinate schedule with all vendors.	Prepare a clear, concise report. Report documents the field activities completed.	TOCOR will ensure that the work was completed as described in the SOW.	Past Performance rating of at least Very Good.
Task 4 – Soil Gas Survey	Deliverables submitted in accordance with schedule.	Perform the tasks according to the SOW and approved workplan. Record and document the activities and provide summary report to the COR.	Soil Gas survey done in a timely manner on budget and report submitted in a timely manner.	TOCOR will ensure that the event is performed according to the workplan and that the event is well documented.	Past Performance rating of at least Very Good.

6. Period of Performance

From the date of Contracting Officer approval through April 18, 2019.

7. Terms and Conditions

Technical Direction

The TOCOR is authorized to provide technical direction to the extent allowed under EPAAR (1552.237-71) (APR 1984) (DEVIATION). Other than the TOCOR, only the Contract-Level COR and the Contracting Officer are authorized to provide technical direction. Therefore, the contractor shall not discuss work related to this task order with EPA personnel unless the

TOCOR, Contract-Level COR or Contracting Officer is present.

Technical direction includes: (1) direction to the contractor which assists the contractor in accomplishing the Statement of Work; and (2) comments on and approval/acceptance of reports or other deliverables. Technical direction must be within the contract and the Task Order Performance Work Statement. The Contract-Level COR or TOCOR do not have the authority to issue technical direction which (1) institutes additional work outside the scope of either the contract or this Task Order Performance Work Statement; (2) constitutes a change as defined in the "Changes" clause; (3) causes an increase or decrease in the estimated cost of the contract or Task Order Performance Work Statement; (4) alters the period of performance; or (5) changes any of the other express terms or conditions of the contract or Task Order Performance Work Statement.

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Funding

This task order shall be funded 100% with LUST appropriated funds.

ORDER FOR SUPPLIES OR SERVICES

PAGE OF PAGES

1

2

IMPORTANT: Mark all packages and papers with contract and/or order numbers.

1. DATE OF ORDER 09/28/2018		2. CONTRACT NO. (If any) EP-W-12-009		6. SHIP TO: a. NAME OF CONSIGNEE Office of Underground Storage Tank	
3. ORDER NO. 68HEOS18F0214		4. REQUISITION/REFERENCE NO. PR-OLEM-18-00428		b. STREET ADDRESS U.S. EPA Two Potomac Yard (North Building) 2733 Crystal Drive Mail Code: c. CITY Arlington d. STATE VA e. ZIP CODE 22202	
5. ISSUING OFFICE (Address correspondence to) SRRPOD US Environmental Protection Agency William Jefferson Clinton Building 1200 Pennsylvania Avenue, N. W. Mail Code: 3805R Washington DC 20460				f. SHIP VIA	
7. TO: PATRICIA CURL a. NAME OF CONTRACTOR BRISTOL ENVIRONMENTAL REMEDIATION SERVICES LLC b. COMPANY NAME c. STREET ADDRESS 111 WEST 16TH AVENUE 3RD FLOOR 9075610013 d. CITY ANCHORAGE e. STATE AK f. ZIP CODE 995015109				8. TYPE OF ORDER <input type="checkbox"/> a. PURCHASE REFERENCE YOUR: Please furnish the following on the terms and conditions specified on both sides of this order and on the attached sheet, if any, including delivery as indicated. <input checked="" type="checkbox"/> b. DELIVERY Except for billing instructions on the reverse, this delivery order is subject to instructions contained on this side only of this form and is issued subject to the terms and conditions of the above-numbered contract.	
9. ACCOUNTING AND APPROPRIATION DATA See Schedule				10. REQUISITIONING OFFICE Office of Underground Storage Tank	
11. BUSINESS CLASSIFICATION (Check appropriate box(es)) <input checked="" type="checkbox"/> a. SMALL <input type="checkbox"/> b. OTHER THAN SMALL <input type="checkbox"/> c. DISADVANTAGED <input type="checkbox"/> d. WOMEN-OWNED <input type="checkbox"/> e. HUBZone <input type="checkbox"/> f. SERVICE-DISABLED VETERAN-OWNED <input type="checkbox"/> g. WOMEN-OWNED SMALL BUSINESS (WOSB) ELIGIBLE UNDER THE WOSB PROGRAM <input type="checkbox"/> h. EDWOSB					
13. PLACE OF a. INSPECTION Destination b. ACCEPTANCE Destination		14. GOVERNMENT B/L NO.		15. DELIVER TO F.O.B. POINT ON OR BEFORE (Date)	
				16. DISCOUNT TERMS	

17. SCHEDULE (See reverse for Rejections)

ITEM NO. (a)	SUPPLIES OR SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QUANTITY ACCEPTED (g)
	DUNS Number: 621631196 US EPA Office of Underground Storage Tanks (OUST) Contract: Characterization (Assessment) and Remediation of Leaking Underground Storage Tanks (LUST) in Indian Country Continued ...					

SEE BILLING INSTRUCTIONS ON REVERSE	18. SHIPPING POINT		19. GROSS SHIPPING WEIGHT		20. INVOICE NO.		17(h) TOTAL (Cont. pages)
	21. MAIL INVOICE TO:						
	a. NAME RTP Finance Center						\$151,614.73
	b. STREET ADDRESS (or P.O. Box) US Environmental Protection Agency RTP-Finance Center Mail Drop D143-02 109 TW Alexander Drive c. CITY Durham d. STATE NC e. ZIP CODE 27711						\$151,614.73
						17(i) GRAND TOTAL	

22. UNITED STATES OF AMERICA BY (Signature)

09/28/2018

Meghan T. Meyers

ELECTRONIC SIGNATURE

23. NAME (Typed)

Meghan Thomas Meyers

TITLE: CONTRACTING/ORDERING OFFICER

ORDER FOR SUPPLIES OR SERVICES
SCHEDULE - CONTINUATION

PAGE NO

2

IMPORTANT: Mark all packages and papers with contract and/or order numbers.

DATE OF ORDER

CONTRACT NO.

ORDER NO.

09/28/2018

EP-W-12-009

68HE0S18F0214

ITEM NO. (a)	SUPPLIES/SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QUANTITY ACCEPTED (g)
0001	<p>Task Order Award: Remedial Activities for Remedial Activities for Pine Ridge Oil LUST Trust Site, Pine Ridge Indian Reservation, Pine Ridge, South Dakota. Region 8</p> <p>The terms and conditions of contract EP-W-12-009 are hereby incorporated by reference. The task order period of performance is September 28, 2018 through April 19, 2019. The contractor shall perform services in accordance with the attached Statement of Work and the contractor's proposal dated June 22, 2018 for the maximum ceiling amount of \$151,614.72.</p> <p>TOCOR: Ray Faliskie</p> <p>Admin Office:</p> <p>SRRPOD</p> <p>US Environmental Protection Agency</p> <p>Superfund/RCRA Regional Procurement Operations</p> <p>1200 Pennsylvania Ave, NW</p> <p>Washington DC 20460</p> <p>Accounting Info:</p> <p>17-FD-88F-303D86-2505-HQ007-1888TC5010-002</p> <p>BFY: 17 Fund: FD Budget Org: 88F Program (PRC): 303D86 Budget (BOC): 2505 Job #: HQ007 DCN - Line ID: 1888TC5010-002</p> <p>Period of Performance: 09/28/2018 to 04/18/2019</p> <p>EP-W-12-009 Task Order 5005 Pine Ridge</p>				151,614.73	

TOTAL CARRIED FORWARD TO 1ST PAGE (ITEM 17(H))

\$151,614.73

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OPTIONAL FORM 348 (Rev. 4/2006)
Prescribed by GSA FAR (48 CFR) 53.213(f)

Title: Remedial Activities for Pine Ridge Oil LUST Trust Site, Pine Ridge Indian Reservation, Pine Ridge, South Dakota. Region 8

PERFORMANCE WORK STATEMENT

1. General Information

Contract-Level Contracting Officer's Representative (COR)

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Alternate Contract-Level Contracting Officer's Representative (COR)

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Contracting Officer's Representative (COR)/Subject Matter Expert (SME)

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Faliskie.raymond@epa.gov

Alternate Contracting Officer's Representative (COR)/Subject Matter Expert (SME)

Matthew Langenfeld

303-312-6284

Langenfeld.matthew@epa.gov

Tribal Contacts

Suzy (Lloydell) Mesteth

(605) 867-5236

suzym@oglala.org

2. Site Name/Background

Site Name: Pine Ridge Oil

Site Location: Pine Ridge Indian Reservation

Pine Ridge, South Dakota

Tribe: Oglala Sioux Tribe

Purpose: Contractor support is required to complete the decommissioning of the remedial system started under task order 3005 and to conduct additional rounds Enhance Fluid Recovery and Surfactant Injections at this site.

The Pine Ridge Oil Company, Inc. (Pine Ridge Oil) facility is located in Pine Ridge, South

Dakota, on the Pine Ridge Reservation. The release was first discovered in April 1992 when two underground storage tanks (USTs) were removed. Seven additional USTs were removed in December 1995, and finally a tenth UST was removed after it was discovered during the removal of the previous seven tanks. Currently, there are three active underground storage tanks at this site that were installed in 1996. The site is in a mixed commercial and residential area.

Pine Ridge Oil retained the services of a contractor to perform a site assessment. The site assessment showed hydrocarbon contamination above the state clean-up levels. Additionally, free product was detected in three monitoring wells. In August 1995, the South Dakota Department of Environment and Natural Resources (SD DENR) considered using the LUST Trust Fund to protect the city well. The plume had moved within 300 feet of it. Up to 14 feet of free phase product had been measured in the on-site monitor wells and, up to that point, significant volumes of free product had not been recovered.

In 1995, SD DENR's LUST Trust contractor installed a combination of air sparging, dual soil vapor extraction, groundwater pump and treat, and free product recovery systems to remediate soil and groundwater at the site. The air sparge unit was in operation for only two months in May and June of 1996. The remaining remedial systems operated periodically from May 1996 through July 2006. It was reported that the systems were not in operation circa 2006 and 2008. During Region 8's initial evaluation it was discovered that the blower for the vapor extraction system and the compressor for the air sparge system needed to be replaced. The groundwater pump and treat system and the product recovery system were disassembled and beyond repair. In addition, numerous monitor and remedial wells were damaged and needed to be repaired or replaced.

In February 2012, Region 8's contractor monitored and sampled existing monitor wells. The monitoring event identified two separate product plumes. The product plume located immediately downgradient from the tank basin was reported to be 7.93 feet thick. Groundwater samples were collected from 14 monitor wells. The extent of the dissolved hydrocarbon plume in the shallow groundwater beneath the project area appeared to have been delineated to the north and south. The western border of the current extent of groundwater contamination was not delineated. In reviewing this sampling event with historical data from 1995 to 2000, the results from this sampling show that the plume is migrating.

Between April 2011 and May 2012, repairs were made to the air sparge and vapor extraction systems to put it back into operation and monitor wells were repaired and replaced. Because of the large volume of product present, Region 8 conducted two surfactant injections and enhanced fluid recovery events to recover product. Approximately 4,000 gallons of mixed gasoline and water were recovered. Free product thickness decreased from 7.93 feet in February 2010 to approximately 1 foot in November 2012. Region 8's contractor continues to perform operation and maintenance on the remedial system; however, that contract ends on September 30, 2014. Region 8 UST Program personnel continue to conduct quarterly groundwater monitoring and sampling of the site.

In July 2014, a second air sparge/vapor extraction system was installed on-site in the vicinity of the above ground storage tanks. The anticipated startup date for the system is the last week of July 2014. No data on the performance of the remedial system is available at this time.

Operation and maintenance activities have been discontinued at this site as of April 2018.

3. Tasks

Statement of Work/Performance Work Statement/Specifications (Budget) – The contractor shall contact the COR within five (5) business days upon receipt of the amendment to discuss the scope of the work before the contractor submits its Performance Work Statement/Specifications (budget). The contractor shall have ten (10) business days following the conference call to submit its Performance Work Statement/Specifications (budget) electronically to the Contracting Officer, Contract-Level COR and COR.

The Performance Work Statement/Specifications (budget) shall include: (1) a narrative description of its technical approach to perform the work; (2) estimated budget that includes the contractor's staffing plan according to the labor categories for this work, other than direct costs (e.g., material, equipment, permits, taxes) subcontractor(s), and travel estimates; (3) deliverable (milestone) schedule; (4) certification pursuant to 1552.209-72 that the contractor is or is not aware of any potential Organizational Conflicts of Interest for the work outlined in the Government's Performance Work Statement; and (5) any other requested information. The contractor's cost component must include a breakdown of costs for each major task and/or subtask and an overall summary for the full task for the prime and any subcontractor(s).

Work will not commence until the contractor is in receipt of a modification signed by the Contracting Officer.

Deliverable: Conference Call with COR

Due Date: Within five (5) business days upon receipt of Performance Work Statement

Deliverable: Performance Work Statement/Specifications

Due Date: Within ten (10) business days after Conference Call

Monthly Progress/Financial Reports – The contractor shall prepare the monthly progress/financial reports in accordance with the contract. Upon approval of the Task Order, the contractor shall maintain routine communication with the COR and summarize all task order activities in the monthly progress/financial reports.

Deliverable: Monthly Progress/Financial Reports

Due Date: According to Contract Term

Site-Specific Quality Assurance Project Plan (QAPP) – A QAPP to complete the tasks described in this SOW was submitted and approved in June 2015. The contractor must complete

an annual review of the QAPP using the EPA Region 8 QA Document Review Crosswalk, Form Update #28-2012 QAPP Review Crosswalk. The use of the form will ensure that the applicable QAPP elements are included. The link to the R8 QA Website for this form can be found at: <http://www.epa.gov/region8/qa/reference.html>.

The contractor shall maintain and document necessary changes of the approved QAPP and complete an annual review of the QAPP using Region 8 QA Document Review Crosswalk if the work on this project extends beyond 12 months.

Deliverable: Draft Region 8 QA Document Review Crosswalk

Due Date: 30 days after receipt of approved Task Order

Deliverable: Final Region 8 QA Document Review Crosswalk

Due Date: Within seven (7) days after receipt of COR's comments

Site-Specific Health and Safety Plan (HASP) - The contractor shall prepare a HASP that defines the sampling and data collection methods that shall be used for the project based on the field activities listed in the tasks below.

Deliverable: Draft HASP

Due Date: 30 days after receipt of approved Task Order

Deliverable: Final HASP

Due Date: Within seven (7) days after receipt of COR's comments

Task 1 – Conference Calls (*from Contract Level Performance Work Statement – Task 1: Conference Calls with the EPA Regional SME*)

The contractor shall participate with the COR in conference calls, as needed, to discuss the site progress and planning activities.

Deliverable: Status Conference Call(s)

Due Date: As needed basis

Task 2. Decommissioning of the Remedial System (*from Contract Level Performance Work Statement – Task 4 Remediation of LUSTs*)

The contractor shall decommission the remedial system. Work shall be performed to disconnect piping to the system from the remedial wells. Electric service/utilities were stopped under Task Order 3005. The remedial wells will not be abandoned at this time. The contractor shall prepare and submit a report, not to exceed 5 pages of text. The report shall include the work completed along with photographs.

Deliverable: Draft Report

Due Date: Within 30 days of completion

Deliverable: Final Report

Due Date: Within seven (7) days after receipt of COR's comments

Task 3 - Enhanced Fluid Recovery (*from Contract Level PWS Task 4: Remediation of LUSTs*)

The contractor shall complete the fieldwork activities in order to remove free product from existing monitor wells as follows:

- The contractor shall conduct three enhanced fluid recovery events to remove free product and dissolved groundwater from all project monitor wells containing free product. For factoring in costs, the contractor shall base estimates on recovering 1,000 gallons of product/dissolved groundwater per event.
- The contractor shall transport and dispose of free product and dissolved groundwater at a recycling facility.
- Document the amount of free product present in each well and the amount of free product and dissolved groundwater recovered.
- Obtain all permits, if required, to work in the right-of-way.
- Prepare and implement a traffic control plan to ensure all worker safety.

Deliverable: Draft Enhanced Fluid Recovery Report

Due Date: 30 days after completing field activities

Deliverable: Final Enhanced Fluid Recovery Report

Due Date: 30 days after completing field activities

Task 4 – Surfactant Injection (*from Contract Level PWS Task 4: Remediation of LUSTs*)

The contractor shall complete the fieldwork activities in order to remove free product from existing monitor wells as follows:

- The contractor shall complete three injection events using a biodegradable surfactant and oxidant.
- The contractor shall remove free product and groundwater following the injection event. This event is included in Task 3.

- The contractor shall transport and dispose of recovered free product and groundwater at a recycling facility. This task is included in Task 3.
- Document the amount of free product present in each well and the amount of free product and groundwater recovered.

Deliverable: Draft Surfactant Injection Report
Due Date: 30 days after completing field activities

Deliverable: Final Surfactant Injection Report
Due Date: 30 days after completing field activities

4. Performance Work Table:

Performance Requirement	Performance Standard	Metric	Acceptable Quality Level	Monitoring System	Incentive Plan
Work Plan/Budget Development	Prepare and submit work plan/budget proposal.	Brief technical proposal, description of contractor's approach to completion of requirement, including metrics and cost proposal that enables EPA to make a determination of price reasonableness	Delivery: 1. Conference Call with COR to discuss SOW within 5 working days after receipt of SOW 2. Submission of Work Plan/Budget within 10 working days after conference call.	On-time Delivery	Additional Award Option
Task 1 – Conference Calls Support	Participate in conference calls	Participation in discussion on conference calls	Clear, concise, understandable	SME will ensure that there is agreement of all parties on planned site activities.	Additional Award Option
Task 2- Decommissioning of the Remedial System	Deliverables submitted in accordance with schedule.	Complete the task in a timely manner. Coordinate schedule with all vendors.	Prepare a clear, concise report. Report documents the field activities completed.	COR will ensure that the work was completed as described in the SOW.	Additional Award Option
Task 3 – Enhanced Fluid Recovery	Deliverables submitted in accordance with schedule.	Evaluate site conditions according to the approved QAPP. Record and document amount of free product present and recovered and provide summary a Summary Report to the COR.	According to the approved QAPP, data is presented in a clear, concise manner. Report documents the enhanced fluid recovery events.	COR will ensure that the enhanced fluid recovery events are performed according to the QAPP and that the events are well documented.	Additional Award Option
Task 4 – Surfactant Injection	Deliverables submitted in accordance with schedule.	Evaluate site conditions according to the approved QAPP. Record and document location and amount of materials injected provide summary a Summary Report to the COR.	According to the approved QAPP, data is presented in a clear, concise manner. Report documents the event.	COR will ensure that the event is performed according to the QAPP and that the event is well documented.	Additional Award Option

5. Period of Performance

From the date of April 19, 2016 through April 18, 2019.

6. Technical Direction

The designated COR is authorized to provide technical direction to the extent allowed under EPAAR (1552.237-71) (APR 1984) (DEVIATION). Other than the designated COR only the Contracting Officer is authorized to provide technical direction. Therefore, the contractor shall not discuss work related to this task order with EPA personnel unless the designated COR or Contracting Officer is present.

Technical direction includes: (1) direction to the contractor that assists the contractor in accomplishing the Statement of Work; and (2) comments on and approval/acceptance of reports or other deliverables. Technical direction must be within the contract and the Task Order Performance Work Statement. The COR does not have the authority to issue technical direction which (1) institutes additional work outside the scope of either the contract or this Task Order Performance Work Statement; (2) constitutes a change as defined in the "Changes" clause; (3) causes an increase or decrease in the estimated cost of the contract or Task Order Performance Work Statement; (4) alters the period of performance; or (5) changes any of the other express terms or conditions of the contract or Task Order Performance Work Statement.

Technical direction will be issued in writing or confirmed in writing within five (5) calendar days after oral issuance. The COR will provide the technical direction memorandum to the contractor, with electronic copies to the Contracting Officer. If the contractor has not received written confirmation within five (5) calendar days of an oral issuance, the contractor must so notify the COR.

This work is funded 100% LUST.

ORDER FOR SUPPLIES OR SERVICES

PAGE OF PAGES

1

2

IMPORTANT: Mark all packages and papers with contract and/or order numbers.

1. DATE OF ORDER 12/13/2018		2. CONTRACT NO. (If any) EP-W-12-009		6. SHIP TO: a. NAME OF CONSIGNEE Office of Underground Storage Tank	
3. ORDER NO. 68HERH19F0058		4. REQUISITION/REFERENCE NO. PR-OLEM-18-00612		b. STREET ADDRESS U.S. EPA Two Potomac Yard (North Building) 2733 Crystal Drive Mail Code:	
5. ISSUING OFFICE (Address correspondence to) HQAD US Environmental Protection Agency William Jefferson Clinton Building 1200 Pennsylvania Avenue, N. W. Mail Code: 3803R Washington DC 20460		c. CITY Arlington		d. STATE VA	e. ZIP CODE 22202
7. TO: PATRICIA CURL		f. SHIP VIA		8. TYPE OF ORDER <input type="checkbox"/> a. PURCHASE REFERENCE YOUR: <input checked="" type="checkbox"/> b. DELIVERY Except for billing instructions on the reverse, this delivery order is subject to instructions contained on this side only of this form and is issued subject to the terms and conditions of the above-numbered contract.	
a. NAME OF CONTRACTOR BRISTOL ENVIRONMENTAL REMEDIATION SERVICES LLC		b. COMPANY NAME		c. STREET ADDRESS 111 WEST 16TH AVENUE 3RD FLOOR 9075610013	
d. CITY ANCHORAGE		e. STATE AK	f. ZIP CODE 995015109	Please furnish the following on the terms and conditions specified on both sides of this order and on the attached sheet, if any, including delivery as indicated.	
9. ACCOUNTING AND APPROPRIATION DATA See Schedule		10. REQUISITIONING OFFICE Office of Underground Storage Tank		12. F.O.B. POINT	
11. BUSINESS CLASSIFICATION (Check appropriate box(es)) <input checked="" type="checkbox"/> a. SMALL <input type="checkbox"/> b. OTHER THAN SMALL <input type="checkbox"/> c. DISADVANTAGED <input type="checkbox"/> d. WOMEN-OWNED <input type="checkbox"/> e. HUBZone <input type="checkbox"/> f. SERVICE-DISABLED VETERAN-OWNED <input type="checkbox"/> g. WOMEN-OWNED SMALL BUSINESS (WOSB) ELIGIBLE UNDER THE WOSB PROGRAM <input type="checkbox"/> h. EDWOSB					

13. PLACE OF a. INSPECTION Destination		b. ACCEPTANCE Destination	14. GOVERNMENT B/L NO.	15. DELIVER TO F.O.B. POINT ON OR BEFORE (Date)	16. DISCOUNT TERMS
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17. SCHEDULE (See reverse for Rejections)

ITEM NO. (a)	SUPPLIES OR SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QUANTITY ACCEPTED (g)
	DUNS Number: 621631196 US EPA Office of Underground Storage Tanks (OUST) Contract: Characterization (Assessment) and Remediation of Leaking Underground Storage Tanks (LUST) in Indian Country Continued ...					

SEE BILLING INSTRUCTIONS ON REVERSE	18. SHIPPING POINT		19. GROSS SHIPPING WEIGHT		20. INVOICE NO.		17(h) TOTAL (Cont. pages)
	21. MAIL INVOICE TO:						
	a. NAME RTP Finance Center						\$104,702.84
	b. STREET ADDRESS (or P.O. Box) US Environmental Protection Agency RTP-Finance Center Mail Drop D143-02 109 TW Alexander Drive						\$104,702.84
c. CITY Durham			d. STATE NC	e. ZIP CODE 27711		17(i) GRAND TOTAL	

22. UNITED STATES OF

AMERICA BY (Signature)

12/13/2018

Meghan T. Meyers

ELECTRONIC SIGNATURE

23. NAME (Typed)

Meghan Thomas Meyers

TITLE: CONTRACTING/ORDERING OFFICER

ORDER FOR SUPPLIES OR SERVICES
SCHEDULE - CONTINUATION

PAGE NO

2

IMPORTANT: Mark all packages and papers with contract and/or order numbers.

DATE OF ORDER

CONTRACT NO.

ORDER NO.

12/13/2018

EP-W-12-009

68HERH19F0058

ITEM NO. (a)	SUPPLIES/SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QUANTITY ACCEPTED (g)
0001	<p>Task Order Award: 5009 Status Store Site</p> <p>This is a task order award under EPA contract EP-W-12-009. The terms and conditions of contract EP-W-12-009 are hereby incorporated by reference. The task order period of performance is December 13, 2018 through April 18, 2019. The contractor shall perform services in accordance with the attached Statement of Work and the contractor's proposal dated October 3, 2018 for the maximum ceiling amount of \$104,702.84. The task order is fully funded in the amount of \$104,702.84.</p> <p>TOCOR: Rob Rau Invoice Approver: Ray Worley Alt Invoice App: Christine Edward Admin Office: HQAD US Environmental Protection Agency William Jefferson Clinton Building 1200 Pennsylvania Avenue, N. W. Mail Code: 3803R Washington DC 20460</p> <p>Period of Performance: 12/13/2018 to 04/18/2019</p> <p>EP-W-12-009 Task Order 5009 Satus Store</p> <p>Accounting Info: 18-F-88F-000D86-2505-1888TC5007-001 BFY: 18 Fund: F Budget Org: 88F Program (PRC): 000D86 Budget (BOC): 2505 DCN - Line ID: 1888TC5007-001 Funding Flag: Complete Funded: \$104,702.84</p>				104,702.84	

TOTAL CARRIED FORWARD TO 1ST PAGE (ITEM 17(H))

\$104,702.84

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Prescribed by GSA FAR (48 CFR) 53.213(f)

Contract No. EP-W-12-009

Task Order: 5009

Title: Site Assessment and LUST Corrective Action at former Satus Store and Gas, Granger, Washington: Yakama Indian Reservation – Region 10

PERFORMANCE WORK STATEMENT

1. General Information

Contract-Level Contracting Officer's Representative (COR)

Christine Edwards

edwards.christine@epa.gov

(202) 564-2182

Alternate Contract-Level Contracting Officer's Representative (COR)

Ray Worley

202-564-1634

Worley.ray@epa.gov

Task Order Contracting Officer's Representative (TOCOR)/Subject Matter Expert (SME)

Rob Rau, Region 10

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(206) 553-6285

Alternate Task Order Contracting Officer's Representative (TOCOR)/Subject Matter Expert (SME)

David Domingo, Region 10

domingo.david@epa.gov

(206) 553-2456

Tribal Contacts

Mr. Wil Badonie

Yakama Nation Environmental Management Program

(509) 865-5121, x-6079

Mr. Andrew Smith

Acting Director, Yakama Nation Water Code Administration

(509) 865-5121, x-6121

Yakama Nation TERO Office

(509) 865-5121, x-4479

2. Site Name/Background

Site Name: Satus Store and Gas Abandoned USTs

Site Location: Intersection of Highway 22 & West Satus Road

46.27034° N Latitude, 120.15064° W Longitude
Granger, Washington 98932

Tribe: Yakama Nation

In December 2017, Bristol Environmental Remediation Services (Bristol) performed a site assessment and underground storage tank (UST) closure at the abandoned Satus Store property located in Granger, Washington. As part of this project, three gasoline USTs were permanently closed (two by removal and one in place), and 20 cubic yards of petroleum contaminated soil (PCS) was removed and hauled away for disposal. However, high concentrations of gasoline related contaminants still remain in site soils at levels above Washington Model Toxics Control Act (MTCA) cleanup levels, and there are indications that shallow groundwater at the site has also been impacted.

3. Scope

The scope of this task order is to perform additional site assessment and cleanup work started under task order 4004 with the goal of assisting EPA in rendering a clean closure and a *no further action* determination.

4. Tasks

Performance Work Statement -- The contractor shall contact the TOCOR within 5 business days upon receipt of the Task Order Performance Work Statement to discuss the scope of the work before the contractor submits its Performance Work Statement/Specifications (budget). The contractor shall have 10 business days following the conference call to submit a Performance Work Statement/Specifications (budget) electronically to the contracting officer, contract-level COR and TOCOR.

The Performance Work Statement/Specifications (budget) shall include: (1) a narrative description of its technical approach to perform the work; (2) estimated budget that includes the contractor's staffing plan according to the labor categories for this work, other than direct costs (e.g., material, equipment, permits, taxes), subcontractor(s), and travel estimates; (3) deliverable (milestone) schedule; (4) certification pursuant to 1552.209-72 that the contractor is or is not aware of any potential Organizational Conflicts of Interest for the work outlined in the government's Performance Work Statement; and (5) any other requested information. The contractor's cost component must include a breakdown of costs for each major task and/or subtask and an overall summary for the full task for the prime and any subcontractor(s).

Work will not commence until the contractor is in receipt of an approved task order signed by the contracting officer.

Deliverable: Conference call with TOCOR

Due Date: Within 5 business days upon receipt of performance work statement

Deliverable: Performance Work Statement/Specifications (Budget)

Due Date: Within 10 business days after conference call

Task 1 – Reporting and Planning

Task 1.1 Monthly Progress/Financial Reports -- The contractor shall prepare the monthly progress/financial reports in accordance with the contract. Upon approval of the task order, the contractor shall maintain routine communication with the TOCOR and summarize all task order activities in the monthly progress/financial reports.

Deliverable: Monthly Progress/Financial Reports

Due Date: According to contract term

1.2 Site-Specific Quality Assurance Project Plan (QAPP) – The contractor shall prepare a site specific Quality Assurance Project Plan (QAPP) and Sampling and Analysis Plan (SAP) in accordance with current EPA standards and guidance, “EPA Requirements for Quality Assurance Project Plans (QA/R-5)” (EPA/240/B-01/003, March 2001), and “Guidance for Quality Assurance Project Plans (QA/G-5)” (EPA/240/R-02/009, December 2002). These can be combined into a single deliverable document, and should be based on revised versions of existing documents prepared for similar LUST site assessment work performed under the contract. The QAPP should describe how all office and field activities associated with this task order will be executed including project planning, field and laboratory activities, data evaluation, and reporting. The QAPP shall include the credentials of the analytical laboratory to be utilized by the contractor. To assist in project planning, the following procedures and guidance documents should be used, as appropriate:

- 40 CFR 280 Subparts F & G
- Washington State Model Toxics Control Act (MTCA, Chapter 173-340 WAC)
- American Petroleum Institute (API) Recommended Procedure 1604, “Closure of Underground Petroleum Storage Tanks”
- Washington State “Minimum Standards for Construction and Maintenance of Wells” (Chapter 173-160 WAC)
- Washington State Department of Ecology “Guidance for Site Checks and Site Assessments for Underground Storage Tanks” Publication #90-52.
- ASTM Standard E-1903-97, “Standard Guide for Environmental Site Assessments, Phase II”
- Commonly accepted engineering practices for petroleum UST closures and cleanups

In order to properly plan and schedule field activities, it will be necessary for the contractor and the TOCOR to communicate closely. It is assumed that one conference call will be necessary to accomplish this task.

Deliverable: Draft QAPP

Due Dates: Within 30 days of approved task order

Deliverable: Final QAPP

Due Dates: Within 10 days of receiving comments on the draft

Task 2 – Conference Calls

The contractor shall participate with the TOCOR in conference calls, as needed, to discuss the site progress and planning activities.

Deliverable: Status Conference Call(s)

Due Date: As needed basis

Task 3 – Perform Site Assessment and Cleanup

Subtask A: Perform Additional PCS Removal and Confirmation Soil Sampling

This task includes executing all field activities associated with the LUST site assessment and cleanup at the intersection of Highway 22 and West Satus Road in Granger, Washington. For the purposes of cost estimating, it is assumed that the EPA will arrange for site access with Ms. Karin Foster, a personal representative of the Avis Merritt estate, but that the contractor will need to arrange for any further utility clearance that may be necessary. Furthermore, the contractor should assume that a total of 10 confirmation soil samples will be collected and tested for NWTPH-Gx, and BTEX. Sample results will be evaluated against MTCA Method A cleanup levels for unconditional current and future land use scenarios. It is also assumed that a total of 150 cubic yards of PCS will be removed from the site and hauled to a nearby landfarm or landfill facility, and that clean backfill can be obtained from a local area source. Prior to backfilling, remediation chemicals will be placed on the bottom of the excavation. For the purposes of cost estimating, it is assumed that 200 pounds of Regenesi[®] ORC Advanced will be used for this purpose. The contractor should assume that onsite building structures will have to remain standing such that any further PCS excavation will not compromise their structural integrity. At the completion of field activities, the site will be left with compacted fill material at grade that presents no safety or trip hazards. Paving of excavated surfaces will not be required.

Subtask B: Drill, Install, Develop and Sample Groundwater Monitoring Wells

As noted above, since PCS was observed to be in close proximity with groundwater during the 2017 tank closure, it is assumed that groundwater contamination is present on site. An additional objective of this work assignment will be to characterize and nature and extent of groundwater contamination, and to determine groundwater flow direction. To accomplish these objectives, the contractor shall drill, install, develop, and sample three groundwater monitoring wells. For budgeting purposes, the contractor shall assume the following:

1. The wells will be constructed of 2-inch diameter schedule 40 PVC screen and casing, and shall be constructed in accordance with Washington State rules titled *Minimum Standards for Construction and Maintenance of Wells* (WAC 173-160). The borings will be approximately 20 feet deep with an associated well screen interval from 18-8 feet below ground surface. The completion shall be flush-mounted and framed in to prevent damage. All drill cuttings will be containerized as investigation derived waste. Additional details of well construction can be discussed with the TOCOR.
2. The wells will be developed using the surge block and bailer method (or other acceptable

procedure) until the turbidity clears. The contractor should assume that 55 gallons of development water will be produced from each of the three wells.

3. The contractor shall sample each well after a minimum of 24 hours following well development using low flow (stress) methods in accordance with the procedures of Puls and Barcelona (EPA 1996). Samples from each monitoring well shall be analyzed for NWTPH-Gx and BTEX. In addition, one subsurface soil sample will be collected from each of the three borings from the depth of the water table and analyzed for NWTPH-Gx and BTEX.
4. Each well (top of PVC casing) shall be surveyed for elevation to the nearest 1/100th (0.01) of a foot in order to accurately determine groundwater flow direction across the site. Approximate horizontal coordinates (e.g., within a few feet) of each well will be acceptable for the purposes of this site assessment.
5. The contractor shall perform data review activities as described in the QAPP. Subcontractor services will not be required for this activity.
6. The contractor shall arrange for the disposition of all investigation derived wastes (soil and water) generated during the field work, and for locating underground utilities prior to the beginning of site work. The contractor shall also facilitate a site access to the property. Surface conditions across the site shall be repaired to existing conditions prior to demobilizing from the site

It is anticipated that field activities associated with this task order will take approximately four or five days to complete.

Deliverable: Execute Site Assessment and Cleanup

Due Dates: As specified by TOCOR

Task 4 – Prepare Site Assessment and Corrective Action Report

This task includes preparing Site Assessment and Corrective Action Report (draft & final) that describes all of the activities performed under Task 3, presents results and conclusions, and identifies any recommendations for further investigation or cleanup work.

Deliverable: Draft Site Assessment and Corrective Action Report

Due Dates: Within 60 days after completion of field work

Deliverable: Final Site Assessment and Corrective Action Report

Due Dates: Within 30 days of receiving comments on Draft Report

5. Performance Work Table

Performance Requirement	Performance Standard	Metric	Acceptable Quality Level	Monitoring System	Incentive Plan
Work Plan/Budget Development	Deliverables submitted in accordance with agreed upon schedule.	Brief technical proposal, description of contractor's performance approach including metrics and cost proposal that enables EPA to make a determination of price reasonableness	Deliverables submitted in accordance with agreed upon schedule.	EPA review and on-time Delivery. TOCOR will review and document.	Past Performance rating of at least Very Good.
Task 3 – Perform Site Assessment and Cleanup	Deliverables submitted in accordance with agreed upon schedule	According to the approved Project Plan.	1) TOCOR will document timeliness of requirement - 100% 2) TOCOR will verify and inspect the deliverable - 100%	SME will ensure that there is agreement of all parties on planned site activities.	Past Performance rating of at least Very Good.
Task 4 – Prepare Site Assessment and Corrective Action Report	Deliverables submitted in accordance with agreed upon schedule	According to the approved Project Plan.	1) TOCOR will document timeliness of requirement - 100% 2) TOCOR will verify and inspect the deliverable - 100%	SME will ensure that there is agreement of all parties on planned site activities.	Past Performance rating of at least Very Good.

6. Period of Performance

From the date of Contracting Officer's approval through April 18, 2019.

7. Terms and Conditions

Technical Direction

The TOCOR is authorized to provide technical direction to the extent allowed under EPAAR (1552.237-71) (APR 1984) (DEVIATION). Other than the TOCOR, only the Contract-Level COR and the Contracting Officer are authorized to provide technical direction. Therefore, the contractor shall not discuss work related to a task order with EPA personnel unless the TOCOR, Contract-Level COR or Contracting Officer is present.

Technical direction includes: (1) direction to the contractor which assists the contractor in accomplishing the Statement of Work; and (2) comments on and approval/acceptance of reports or other deliverables. Technical direction must be within the contract and the Task Order Performance Work Statement. The Contract-Level COR and the TOCOR do not have the

authority to issue technical direction which (1) institutes additional work outside the scope of either the contract or this Task Order Performance Work Statement; (2) constitutes a change as defined in the "Changes" clause; (3) causes an increase or decrease in the estimated cost of the contract or Task Order Performance Work Statement; (4) alters the period of performance; or (5) changes any of the other express terms or conditions of the contract or Task Order Performance Work Statement.

Technical direction will be issued in writing or confirmed in writing within five (5) calendar days after oral issuance. The TOCOR will provide the technical direction memorandum to the contractor, with electronic copies to the Contract-Level COR and Contracting Officer. If the contractor has not received written confirmation within five (5) calendar days of an oral issuance, the contractor must so notify the Contracting Officer.

Funding

This task order shall be funded 100% with LUST appropriated funds.

ORDER FOR SUPPLIES OR SERVICES

PAGE OF PAGES

1

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IMPORTANT: Mark all packages and papers with contract and/or order numbers.

1. DATE OF ORDER 12/21/2018		2. CONTRACT NO. (If any) EP-W-12-009		6. SHIP TO: a. NAME OF CONSIGNEE Office of Underground Storage Tank	
3. ORDER NO. 68HERH19F0070		4. REQUISITION/REFERENCE NO. PR-OLEM-18-00613			
5. ISSUING OFFICE (Address correspondence to) HQAD US Environmental Protection Agency William Jefferson Clinton Building 1200 Pennsylvania Avenue, N. W. Mail Code: 3803R Washington DC 20460				b. STREET ADDRESS U.S. EPA Two Potomac Yard (North Building) 2733 Crystal Drive Mail Code: c. CITY Arlington d. STATE VA e. ZIP CODE 22202	
7. TO: PATRICIA CURL				f. SHIP VIA	
a. NAME OF CONTRACTOR BRISTOL ENVIRONMENTAL REMEDIATION SERVICES LLC				8. TYPE OF ORDER <input type="checkbox"/> a. PURCHASE <input checked="" type="checkbox"/> b. DELIVERY REFERENCE YOUR: Please furnish the following on the terms and conditions specified on both sides of this order and on the attached sheet, if any, including delivery as indicated. Except for billing instructions on the reverse, this delivery order is subject to instructions contained on this side only of this form and is issued subject to the terms and conditions of the above-numbered contract.	
b. COMPANY NAME					
c. STREET ADDRESS 111 WEST 16TH AVENUE 3RD FLOOR 9075610013					
d. CITY ANCHORAGE		e. STATE AK		f. ZIP CODE 995015109	
9. ACCOUNTING AND APPROPRIATION DATA See Schedule				10. REQUISITIONING OFFICE Office of Underground Storage Tank	

11. BUSINESS CLASSIFICATION (Check appropriate box(es)) <input checked="" type="checkbox"/> a. SMALL <input type="checkbox"/> b. OTHER THAN SMALL <input type="checkbox"/> c. DISADVANTAGED <input type="checkbox"/> d. WOMEN-OWNED <input type="checkbox"/> e. HUBZone <input type="checkbox"/> f. SERVICE-DISABLED VETERAN-OWNED <input type="checkbox"/> g. WOMEN-OWNED SMALL BUSINESS (WOSB) ELIGIBLE UNDER THE WOSB PROGRAM <input type="checkbox"/> h. EDWOSB				12. F.O.B. POINT	
13. PLACE OF a. INSPECTION Destination		b. ACCEPTANCE Destination		14. GOVERNMENT B/L NO.	
				15. DELIVER TO F.O.B. POINT ON OR BEFORE (Date) 04/19/2017	
				16. DISCOUNT TERMS	

17. SCHEDULE (See reverse for Rejections)

ITEM NO. (a)	SUPPLIES OR SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QUANTITY ACCEPTED (g)
	DUNS Number: 621631196 US EPA Office of Underground Storage Tanks (OUST) Contract: Characterization (Assessment) and Remediation of Leaking Underground Storage Tanks (LUST) in Indian Country Continued ...					

SEE BILLING INSTRUCTIONS ON REVERSE	18. SHIPPING POINT		19. GROSS SHIPPING WEIGHT		20. INVOICE NO.		17(h) TOTAL (Cont. pages)
	21. MAIL INVOICE TO:						
	a. NAME RTP Finance Center						\$65,121.27
	b. STREET ADDRESS (or P.O. Box) US Environmental Protection Agency RTP-Finance Center (AA216-01) 109 TW Alexander Drive www2.epa.gov/financial/contracts						\$65,121.27
c. CITY Durham			d. STATE NC	e. ZIP CODE 27711		17(i) GRAND TOTAL	

22. UNITED STATES OF

AMERICA BY (Signature)

12/21/2018

J.E. Ortiz

ELECTRONIC
SIGNATURE

23. NAME (Typed)

Jose E. Ortiz

TITLE: CONTRACTING/ORDERING OFFICER

ORDER FOR SUPPLIES OR SERVICES
SCHEDULE - CONTINUATION

PAGE NO

2

IMPORTANT: Mark all packages and papers with contract and/or order numbers.

DATE OF ORDER
12/21/2018

CONTRACT NO.
EP-W-12-009

ORDER NO.
68HERH19F0070

ITEM NO. (a)	SUPPLIES/SERVICES (b)	QUANTITY ORDERED (c)	UNIT (d)	UNIT PRICE (e)	AMOUNT (f)	QUANTITY ACCEPTED (g)
0001	<p>Task Order Award: Gary Thomas This is a task order award under EPA contract EP-W-12-009. The terms and conditions of contract EP-W-12-009 are hereby incorporated by reference. The task order period of performance is December 21, 2018 through April 19, 2019. The contractor shall perform services in accordance with the attached Statement of Work and the contractor's proposal dated November 5, 2018 for the maximum ceiling amount of \$65,121.27. The task order is fully funded in the amount of \$65,121.27. TOCOR: Rob Rau Invoice Approver: Ray Worley Alt Invoice App: Christine Edward Admin Office: HQAD US Environmental Protection Agency William Jefferson Clinton Building 1200 Pennsylvania Avenue, N. W. Mail Code: 3803R Washington DC 20460 Period of Performance: 12/21/2018 to 04/18/2019</p> <p>EP-W-12-009 Task Order 5010: Gary Thomas Site</p> <p>Accounting Info: 18-F-88F-000D86-2505-1888TC5006-001 BFY: 18 Fund: F Budget Org: 88F Program (PRC): 000D86 Budget (BOC): 2505 DCN - Line ID: 1888TC5006-001 Funding Flag: Complete Funded: \$55,000.00 Accounting Info: 18-F-88F-000D86-2505-1888TC5006-002 BFY: 18 Fund: F Budget Org: 88F Program (PRC): 000D86 Budget (BOC): 2505 Job #: HQ007 DCN - Line ID: 1888TC5006-002 Funding Flag: Complete Funded: \$10,121.27</p>				65,121.27	
TOTAL CARRIED FORWARD TO 1ST PAGE (ITEM 17(H))					\$65,121.27	

Contract No. EP-W-12-009

Task Order: 5010

Title: Site Assessment, Risk Evaluation and LUST Corrective Action at the Former Gary Thomas Farm, Desmet, Idaho: Coeur d'Alene Indian Reservation – Region 10

PERFORMANCE WORK STATEMENT

1. General Information

Contract-Level Contracting Officer's Representative (COR)

Christine Edwards

edwards.christine@epa.gov

(202) 564-2182

Alternate Contract-Level Contracting Officer's Representative (COR)

Ray Worley

202-564-1634

Worley.ray@epa.gov

Task Order Contracting Officer's Representative (TOCOR)/Subject Matter Expert (SME)

Rob Rau, Region 10

rau.rob@epa.gov

(206) 553-6285

Alternate Task Order Contracting Officer's Representative (TOCOR)/Subject Matter Expert (SME)

David Domingo, Region 10

domingo.david@epa.gov

(206) 553-2456

Tribal Contacts

Ms. Tiffany Allgood

Coeur d'Alene Natural Resource Department

(208) 686-8802

Coeur d'Alene Tribe TERO Office

(208) 686-7021

2. Site Name/Background

Site Name: Former Gary Thomas Farm Abandoned UST

Site Location: 3167 Desmet Road

47.148722° N Latitude, 116.976201° W Longitude

Desmet, Idaho 83824

Tribe: Coeur d'Alene

The former Gary Thomas farm is located at 3167 Desmet Road in Benewah County, Idaho, and has had a long history of UST inspection noncompliance dating back to 1994. The tanks were abandoned in 2009 when Mr. Thomas passed away. Ms. Sherry Thomas, inherited the farm in 2010 without knowledge of the tank's presence.

In November 2017, Bristol Environmental Remediation Services (Bristol) performed a site assessment and underground storage tank (UST) closure at the former Gary Thomas farm. As part of this project, three USTs were permanently closed (one by removal and two in place), and 20 cubic yards of petroleum contaminated soil (PCS) was removed and hauled away for disposal. Tank #1 contained diesel fuel with an estimated capacity of 2,300 gallons, and was closed in place. Tank #2 (diesel tank removed) and Tank #3 (gasoline tank closed in place) both had capacities of approximately 1,000 gallons and are therefore not federally regulated. Upon closure, small corrosion holes were observed in all three tanks. After the 20 cubic yards of PCS were removed, confirmation soil sampling showed that concentrations of diesel and gasoline related contaminants still remain in subsurface soils at levels exceeding Idaho Residential Use Screening Levels (RSLs), and Washington Model Toxics Control Act (MTCA) cleanup levels. Groundwater was not encountered during the 2017 site assessment at the maximum depth explored of 8 feet below ground surface (bgs).

3. Scope

The scope of this task order is to perform additional site assessment and cleanup work, and to conduct a risk evaluation with the goal of assisting EPA in rendering a risk-based LUST site closure. Due to the presence of building structures in close proximity to PCS that remains insitu, EPA does not believe that a clean closure (i.e., unconditional current and future land use) is possible without tearing down portions of the buildings. Nevertheless, a clean closure would be a goal if that is at all possible. Since Tank #3 was an unregulated gasoline tank, any soils impacted by gasoline related contaminants do not need to be addressed under this task order unless they are comingled with diesel related contaminants from Tank #1. Similarly, any diesel contaminated soils that remain in the subsurface with a clear provenance from Tank #2 only do not need to be addressed.

4. Tasks

Statement of Work/Performance Work Statement/Specifications – The contractor shall contact the TOCOR within 5 business days upon receipt of the Task Order Performance Work Statement to discuss the scope of the work before the contractor submits its Performance Work Statement/Specifications (budget). The contractor shall have 10 business days following the conference call to submit a Performance Work Statement/Specifications (budget) electronically to the contracting officer, contract-level COR and TOCOR.

The Performance Work Statement/Specifications (budget) shall include: (1) a narrative description of its technical approach to perform the work; (2) estimated budget that includes the contractor's staffing plan according to the labor categories for this work, other than direct costs (e.g., material, equipment, permits, taxes), subcontractor(s), and travel estimates; (3) deliverable (milestone) schedule; (4) certification pursuant to 1552.209-72 that the contractor is or is not

aware of any potential Organizational Conflicts of Interest for the work outlined in the government's Performance Work Statement; and (5) any other requested information. The contractor's cost component must include a breakdown of costs for each major task and/or subtask and an overall summary for the full task for the prime and any subcontractor(s).

Work will not commence until the contractor is in receipt of an approved task order signed by the contracting officer.

Deliverable: Conference call with TOCOR

Due Date: Within 5 business days upon receipt of performance work statement

Deliverable: Performance Work Statement/Specifications (Budget)

Due Date: Within 10 business days after conference call

Task 1 – Reporting and Planning

1.1 Monthly Progress/Financial Reports -- The contractor shall prepare the monthly progress/financial reports in accordance with the contract. Upon approval of the task order, the contractor shall maintain routine communication with the TOCOR and summarize all task order activities in the monthly progress/financial reports.

Deliverable: Monthly Progress/Financial Reports

Due Date: According to contract term

1.2 Site-Specific Quality Assurance Project Plan (QAPP) -- The contractor shall prepare a site specific QAPP and Sampling and Analysis Plan (SAP) in accordance with current EPA standards and guidance, "EPA Requirements for Quality Assurance Project Plans (QA/R-5)" (EPA/240/B-01/003, March 2001), and "Guidance for Quality Assurance Project Plans (QA/G-5)" (EPA/240/R-02/009, December 2002). These can be combined into a single deliverable document, and should be based on revised versions of existing documents prepared for similar LUST site assessment work performed under the contract, including the nearby Toppenish Auto Corral site. The QAPP shall include the credentials of the analytical laboratory to be utilized by the contractor. To assist in project planning, the following procedures and guidance documents should be used, as appropriate:

- 40 CFR 280 Subparts F & G
- Washington State Model Toxics Control Act (MTCA, Chapter 173-340 WAC)
- Idaho Administrative Code IDAPA 58.01.24, Standards and Procedures for the Application of Risk-Based Corrective Action at Petroleum Release Sites.
- Idaho Risk Evaluation Manual for Petroleum Releases (August 2012) and accompanying Risk Evaluation Software (December 2015)
- ASTM E1739-95, Standard Guide for Risk-Based Corrective Action at Petroleum Release Sites
- Washington State Department of Ecology "Guidance for Site Checks and Site Assessments for Underground Storage Tanks" Publication #90-52.
- ASTM Standard E-1903-97, "Standard Guide for Environmental Site Assessments, Phase II"

- Commonly accepted engineering practices for petroleum UST closures and cleanups

In order to properly plan and schedule field activities, it will be necessary for the contractor and the TOCOR to communicate closely. It is assumed that one conference call will be necessary to accomplish this task.

Deliverable: Draft QAPP

Due Dates: Within 30 days of approved task order

Deliverable: Final QAPP

Due Dates: Within 10 days of receiving comments on Draft Project Plan

Task 2 – Conference Calls

The contractor shall participate with the TOCOR in conference calls, as needed, to discuss the site progress and planning activities.

Deliverable: Status Conference Call(s)

Due Date: As needed basis

Task 3 – Perform Site Assessment and Cleanup

Subtask A: Perform Additional PCS Removal and Confirmation Soil Sampling

This task includes executing all field activities associated with the LUST site assessment and cleanup at the former Gary Thomas farm in Desmet, Idaho. For the purposes of cost estimating, the contractor should assume that a total of 10 confirmation soil samples will be collected and tested for diesel range organic compounds by Method NWTPH-Dx, and semivolatile organic compounds (SVOCs) by EPA Method 8270D. Sample results will be evaluated against MTCA Method A cleanup levels and Idaho RSL's for unconditional current and future land use scenarios. It is also assumed that a maximum of 50 cubic yards of PCS will be removed from the site and hauled to a nearby landfarm or landfill facility, and that clean backfill can be obtained from a local area source. A limited access machine may be necessary to excavate from inside the garage space. The contractor should further assume that onsite building structures will have to remain standing such that any further PCS excavation will not compromise their structural integrity. At the completion of field activities, the site will be left with compacted fill material with a top dressing of gravel at grade that presents no safety or trip hazards and that keeps the area mud free. Paving of excavated surfaces will not be required.

Subtask B: Collect Downhole Groundwater and Subsurface Soil Samples

The depth to groundwater at the site is not known, and it is also not known if groundwater has been impacted by past diesel releases. Knowing this information will be necessary in order to perform the risk assessment at the site, in the likely event that a clean closure is not possible. Accordingly, the contractor shall obtain a groundwater sample (and duplicate) from a temporary driven well point in the area of the former tank basin. For the purposes of cost estimating, it is

assumed that three groundwater samples will be collected and analyzed for NWTPH-Dx and 8270D. It is also assumed that two subsurface soil samples will be collected from the depth of the water table and tested for diesel and SVOCs.

It is anticipated that field activities associated with this task order will take approximately two days to complete.

Deliverable: Execute Site Assessment and Cleanup

Due Dates: As specified by TOCOR

Task 4 – Prepare Site Assessment, Risk Evaluation, and Corrective Action Report

This task includes preparing Site Assessment and Corrective Action Report (draft & final) that describes all of the activities performed under Task 3, presents results and conclusions, and identifies any recommendations for further investigation or cleanup work. The report will also include the results of the risk assessment and the output from the Idaho REM software such that a risk-based LUST closure can be rendered at the site. If a clean closure cannot be accomplished, it is currently assumed that a risk-based closure can be executed without restrictive institutional controls such as deed restrictions, but this will have to be determined.

Deliverable: Draft Site Assessment, Risk Evaluation, and Corrective Action Report

Due Dates: Within 90 days after completion of field work

Deliverable: Final Site Assessment, Risk Evaluation, and Corrective Action Report

Due Dates: Within 30 days of receiving comments on Draft Report

5. Performance Work Table

Performance Requirement	Performance Standard	Metric	Acceptable Quality Level	Monitoring System	Incentive Plan
Work Plan/Budget Development	Deliverables submitted in accordance with agreed upon schedule.	Brief technical proposal, description of contractor's performance approach including metrics and cost proposal that enables EPA to make a determination of price reasonableness	Deliverables submitted in accordance with agreed upon schedule.	EPA review and on-time Delivery. TOCOR will review and document.	Past Performance rating of at least Very Good.
Task 3 – Perform Site Assessment and Cleanup	Deliverables submitted in accordance with agreed upon schedule	According to the approved Project Plan.	1)TOCOR will document timeliness of requirement - 100% 2) TOCOR will verify and inspect the deliverable - 100%	TOCOR will ensure that there is agreement of all parties on planned site activities.	Past Performance rating of at least Very Good.
Task 4 – Prepare Site Assessment, Risk Evaluation, and Corrective Action Report	Deliverables submitted in accordance with agreed upon schedule	According to the approved Project Plan.	1)TOCOR will document timeliness of requirement - 100% 2) TOCOR will verify and inspect the deliverable - 100%	TOCOR will ensure that there is agreement of all parties on planned site activities.	Past Performance rating of at least Very Good.

6. Period of Performance

From the date of Contracting Officer's approval through April 18, 2019.

7. Terms and Conditions

Technical Direction

The TOCOR is authorized to provide technical direction to the extent allowed under EPAAR (1552.237-71) (APR 1984) (DEVIATION). Other than the TOCOR, only the Contract-Level COR and the Contracting Officer are authorized to provide technical direction. Therefore, the contractor shall not discuss work related to a task order with EPA personnel unless the TOCOR, Contract-Level COR or Contracting Officer is present.

Technical direction includes: (1) direction to the contractor which assists the contractor in accomplishing the Statement of Work; and (2) comments on and approval/acceptance of reports or other deliverables. Technical direction must be within the contract and the Task Order Performance Work Statement. The Contract-Level COR and the TOCOR do not have the

authority to issue technical direction which (1) institutes additional work outside the scope of either the contract or this Task Order Performance Work Statement; (2) constitutes a change as defined in the "Changes" clause; (3) causes an increase or decrease in the estimated cost of the contract or Task Order Performance Work Statement; (4) alters the period of performance; or (5) changes any of the other express terms or conditions of the contract or Task Order Performance Work Statement.

Technical direction will be issued in writing or confirmed in writing within five (5) calendar days after oral issuance. The TOCOR will provide the technical direction memorandum to the contractor, with electronic copies to the Contract-Level COR and Contracting Officer. If the contractor has not received written confirmation within five (5) calendar days of an oral issuance, the contractor must so notify the Contracting Officer.

Funding

This task order shall be funded 100% with LUST appropriated funds.